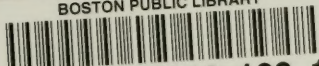


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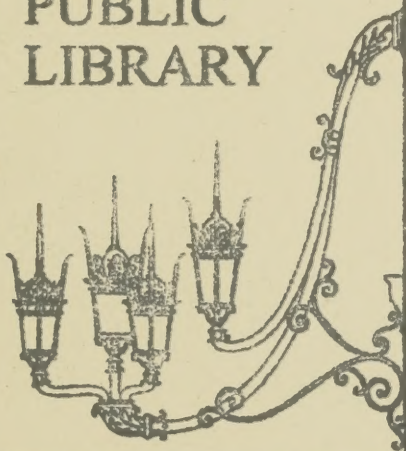
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THIRTY-FIRST ANNUAL REPORT

OF THE

BUREAU OF STATISTICS OF LABOR.

MARCH, 1901.



BOSTON :

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## CONTENTS.

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LETTER OF TRANSMITTAL, . . . . .	Page xvii
INDEX TO SUBJECTS, . . . . .	v-xvi
PART I., POPULATION OF MASSACHUSETTS. 1900. FROM THE TWELFTH UNITED STATES CENSUS, . . . .	1-64
PART II., THE INSURANCE OF WORKINGMEN, . . . .	65-248
PART III., GRADED PRICES: MASSACHUSETTS, OTHER UNITED STATES, AND FOREIGN COUNTRIES. 1816-1891, .	249-792





# INDEX TO SUBJECTS.

	Page
LETTER OF TRANSMITTAL, . . . . .	xvii

## PART I. POPULATION OF MASSACHUSETTS — 1900.

INTRODUCTION, . . . . .	3
Census office of the Commonwealth, . . . . .	3
Connection with Federal census office in 1880, 1890, and 1900, . . . . .	3
Appointment of supervisor, . . . . .	3
Results of the Twelfth United States Census, . . . . .	3
Reproduction of figures with comparisons and analysis, . . . . .	3
Relation of population to the industrial centres of the State, . . . . .	3
POPULATION — 1900: BY TOWNS, ALPHABETICALLY, . . . . .	4-8
Notes showing establishment of new towns, incorporation of new cities, changes in area, etc., since 1890, . . . . .	8
COMPARATIVE POPULATION 1890, 1895, AND 1900, . . . . .	8-18
Recapitulation, . . . . .	18
POPULATION OF CONGRESSIONAL DISTRICTS IN DETAIL, . . . . .	19-31
POPULATION — 1900: BY CITIES AND TOWNS, WITH COMPARA- TIVE RANK, . . . . .	31-39
ANALYSIS, . . . . .	40-64
Total population in June, 1900, . . . . .	40
Comparisons with 1890 and 1895, . . . . .	40
Rate of increase at different decades, . . . . .	40
County gains and losses, . . . . .	40
Density of population, . . . . .	40
Cities and towns showing increase, . . . . .	40
Cities and towns showing decrease, . . . . .	41, 42
Total number of cities and towns in 1900, with number showing increase or decrease, numerically, and with percentages, . . . . .	41, 42
Population of cities, . . . . .	42-47
Cities by wards, . . . . .	43-47
Incorporation of cities since 1890, . . . . .	47

## PART I. POPULATION OF MASSACHUSETTS — 1900 — Concluded.

## ANALYSIS — Con.

	Page
City and town population contrasted, . . . . .	47
Population by congressional districts, . . . . .	47, 48
Population rank of cities and towns, . . . . .	48-50
Range of population, . . . . .	48-50
Concentration of population, . . . . .	50-52
Population <i>eight miles</i> from the State House, . . . . .	50
Population <i>ten miles</i> from the State House, . . . . .	50, 51
Population <i>twelve miles</i> from the State House, . . . . .	51, 52
Estimated population to 1910, . . . . .	53
Comparisons of population in classified industrial districts, . . . . .	53-57
Textiles, . . . . .	53, 54
Boots and Shoes, . . . . .	54, 55
Leather, . . . . .	55
Paper, . . . . .	55, 56
Cities and towns largely engaged in manufacturing with- out any distinctive industry, . . . . .	56
Recapitulation, . . . . .	56, 57
Special presentations for the city of Boston, . . . . .	57-64
By wards and precincts, . . . . .	57-60
Growth of Boston (1638-1900), . . . . .	60-64
Boston, including annexations, . . . . .	60-62
Boston proper, . . . . .	60-62
Annexed territory, . . . . .	60-62
Annexations, . . . . .	60-63
Explanatory notes, . . . . .	60-63
Percentages of population of the city, by divisions, . . . . .	62-64

## PART II. THE INSURANCE OF WORKINGMEN.

INTRODUCTION, . . . . .	67-70
-------------------------	-------

## SECTION I. — GENERAL REVIEW OF WORKINGMEN'S INSURANCE.

INSURANCE AGAINST INCAPACITY FOR LABOR, . . . . .	71-109
Diffusion of insurance, . . . . .	71-95
Insurance against sickness, . . . . .	71-78
Insurance against accidents, . . . . .	78-82
Insurance against invalidity and old age, . . . . .	82-87
School children's mutual aid societies, . . . . .	87-89
Employers' private pension funds, . . . . .	89-92
Civil retirement pension societies, . . . . .	92
Insurance against death, . . . . .	92-94
Combined insurance and building loan funds, . . . . .	94, 95
Influence of insurance on the condition of workingmen, . . . . .	96-105
Insurance against sickness, . . . . .	96, 97
Insurance against accidents, . . . . .	98-104
Insurance against invalidity and old age, . . . . .	104, 105

## PART II. THE INSURANCE OF WORKINGMEN — Continued.

### SECTION I.—GENERAL REVIEW OF WORKINGMEN'S INSURANCE — Concluded.

INSURANCE AGAINST INCAPACITY FOR LABOR — Con.	Page
Influence of insurance on the condition of employers, . . .	105-107
Influence of insurance on the condition of the population as a whole, . . . . .	107-109
INSURANCE AGAINST THE RISK OF DEPRIVATION OF LABOR, . .	109, 110
GENERAL REMARKS, . . . . .	110-112

### SECTION II. — SUMMARY OF PROVISIONS RELATING TO WORK- INGMEN'S INSURANCE IN EUROPE.

Austria, . . . . .	113-119
Sickness insurance, . . . . .	113, 114
Accident insurance, . . . . .	114-116
Old-age insurance, . . . . .	116
Miners' provident funds, . . . . .	116-119
Belgium, . . . . .	119-127
Sickness insurance, . . . . .	119, 120
Accident insurance, . . . . .	120-122
Old-age insurance, . . . . .	122-127
Denmark, . . . . .	128-132
Sickness insurance, . . . . .	128
Accident insurance, . . . . .	128-130
Old-age insurance, . . . . .	130, 131
Old-age insurance in Iceland, . . . . .	132
England, . . . . .	132-140
Sickness and old-age insurance, . . . . .	132-137
Accident insurance, . . . . .	137-140
Finland, . . . . .	140, 141
Sickness insurance, . . . . .	140
Accident insurance, . . . . .	140, 141
Old-age insurance, . . . . .	141
France, . . . . .	141-152
Sickness insurance, . . . . .	141
Accident insurance, . . . . .	141-145
Old-age insurance, . . . . .	145-148
Compulsory insurance against old age for miners, . . . .	148
Compulsory superannuation for seamen, . . . . .	148, 149
The annuity funds of Friendly Societies, . . . . .	149-152
Germany, . . . . .	152-163
Sickness insurance, . . . . .	152-155
Accident insurance, . . . . .	155-158
Old-age insurance, . . . . .	158-163
Holland, . . . . .	163-166

## PART II. THE INSURANCE OF WORKINGMEN — Continued.

## SECTION II. — SUMMARY OF PROVISIONS RELATING TO WORKINGMEN'S INSURANCE IN EUROPE — Concluded.

	Page
Hungary, . . . . .	166-169
Sickness insurance, . . . . .	166, 167
Accident and invalidity insurance for agricultural laborers, . . . . .	167-169
Italy, . . . . .	169-173
Sickness insurance, . . . . .	169
Accident insurance, . . . . .	169-171
Old-age insurance, . . . . .	171-173
Norway, . . . . .	173, 174
Sickness insurance, . . . . .	173
Accident insurance, . . . . .	173, 174
Roumania, . . . . .	175, 176
Russian Empire, . . . . .	176, 177
Spain, . . . . .	177, 178
Sweden, . . . . .	178

## SECTION III. — EMPLOYERS' INSURANCE SCHEMES IN ENGLAND.

Accident fund of the Oldbury Alkali Works, . . . . .	179
Fund of the Elswick Works, . . . . .	179, 180
Fund of Siemens Brothers & Co., Limited, at Charlton, . . . . .	181, 182
Fund of Price's Patent Candle Company, Limited, . . . . .	182
Fund of Reuter's Telegram Company, Limited, . . . . .	182, 183
Fund of Cassell & Co., Limited, . . . . .	184, 185
Annuity Fund of the Thames Iron Works, . . . . .	185
Fund of Messrs. William Denny Bros., the Leven Shipyard, Dumbarton, . . . . .	186
Fund of the Prudential Assurance Company, . . . . .	186
Anonymous Superannuation Fund No. 1, . . . . .	186, 187
Fund of The Graphic Newspaper Company, . . . . .	187, 188
Fund of the Woodhouse Mill, Deighton, . . . . .	189
Anonymous Superannuation Fund No. 2, . . . . .	189-191
Fund of Brush Electric Engineering Company, Limited, . . . . .	191
Fund of the South Metropolitan Gas Company, . . . . .	191-194
Sick and superannuation funds in connection with railways, . . . . .	194-197
Fund of the London and Northwestern Railway Company, . . . . .	197-199
Private schemes for protection against accident, . . . . .	200-202

## SECTION IV. — EMPLOYERS' ACCIDENT AND ANNUITY SCHEMES IN FRANCE.

PENSION SCHEMES, . . . . .	203-230
First Group. — Establishments having a system of pensions for which the firms do not open individual deposits in the National Superannuation Fund, . . . . .	205-225



## PART II. THE INSURANCE OF WORKINGMEN — Continued.

### SECTION IV. — EMPLOYERS' ACCIDENT AND ANNUITY SCHEMES IN FRANCE — Continued.

#### PENSION SCHEMES — Con.

First Group. — Establishments having a system of pensions  
for which the firms do not open individual deposits  
in the National Superannuation Fund — Con.

	Page
Number of establishments, workmen, and pensioners, . . . . .	205-209
Minimum age of admission for pension, . . . . .	207
Minimum duration of service, . . . . .	207
Basis for fixing pensions, . . . . .	207
Reversion of the pension, . . . . .	207
Retirement pensions in case of premature disability, . . . . .	207, 208
Contributions of workmen towards pensions, . . . . .	208
Contributions of employers towards pensions, . . . . .	208
The relation of retirement pension funds to aid funds, . . . . .	208
Financial organization of funds of the first group, . . . . .	208, 209
Details of the principal retirement pension funds of the first group, . . . . .	210-225
Employers' retirement pension fund of the Ironworkers of France, . . . . .	210, 211
The Joint Stock Company of Vieille-Montagne (zinc workers), . . . . .	211, 212
House of Chappée and Son (foundry and mechanical construction), . . . . .	212
The Sons of Peugeot Brothers (manufacturers of hard- ware, carriages, etc.), . . . . .	212, 213
The House of Debernny (type founders), . . . . .	213, 214
The Gas Company of Paris (manufacturers of illumi- nating gas and of coal-tar products), . . . . .	214, 215
House of A. Lefranc (manufacturers of paints, varnish, and printers' ink), . . . . .	215, 216
The Joint Stock Company of Saint-Gobain (manufac- turers of plate glass and chemical products), . . . . .	216
The Glass Works of Vierzon (manufacturers of glass for bottles), . . . . .	216
Joint Stock Crystal Glass Company of Baccarat (manu- facturers of crystal glass), . . . . .	216, 217
The Plate and Special Glass Company of Jeumont and Recquignies (glass works and plate glass manu- factory), . . . . .	217
The Crockery Manufactory of Keller and Guérin (manu- facturers of crockery), . . . . .	218
The Crockery Manufactory of Choisy-le-Roi (H <sup>te</sup> Boul- enger & Co., manufacturers of crockery), . . . . .	218, 219
The House of Binder and Jalla (cotton weaving), . . . . .	219, 220

## PART II. THE INSURANCE OF WORKINGMEN — Concluded.

SECTION IV.—EMPLOYERS' ACCIDENT AND ANNUITY SCHEMES  
IN FRANCE — Concluded.

## PENSION SCHEMES — Con.

First Group. — Establishments having a system of pensions for which the firms do not open individual deposits in the National Superannuation Fund — Con.

Details of the principal retirement pension funds of the first group — Con.

House of Thiriez & Son (spinning and twisting of cotton), . . . . .	Page 220
The House of Seydoux (combing, spinning, and weaving of wool), . . . . .	220, 221
The Company of "Grande Maison" (ready-made clothing for men), . . . . .	221, 222
The Joint Stock Printing Company of Paul Dupont (letterpress and book printing), . . . . .	222
The House of Leclaire, Redouly, & Co. (painters, decorators, paper hangers, glaziers, etc.), . . . . .	222-225

Second Group. — Establishments having a system of pensions for which the firms open individual deposits in the National Superannuation Fund, . . . . .

Number of establishments, workmen, and pensioners, . . . . .	225-227
Conditions of payments, . . . . .	226, 227

Details of the principal establishments of the second group, 227-229

Schneider & Co., at Le Creusot (blast-furnaces, forges, and factories), . . . . .	227
The House of Pétilat (foundry, manufactory of agricultural implements), . . . . .	227, 228
The House of Alfred Mame & Son (printers, bookbinders, and booksellers), . . . . .	228, 229
The Joint Stock Printing Company of Chaix (printers and booksellers), . . . . .	229

Recapitulation, . . . . .	229, 230
---------------------------	----------

## ACCIDENT SCHEMES, . . . . . 230-236

Conditions governing policies of the mutual funds, . . . . . 231, 232

Operations of the syndicate funds, . . . . . 232, 233

General results of an investigation undertaken in 1896 and 1897 by the Inspectors of Labor in France, . . . . . 233, 234

General results by localities, . . . . . 234, 235

General results by important groups of industries, . . . . . 235, 236

## PENSION FUNDS IN TRANSPORTATION ENTERPRISES, . . . . . 236-239

Number of pension funds and their members, . . . . . 236, 237

Conditions and organization of retirement pensions, . . . . . 237-239

## CONCLUSION, . . . . . 239-247

# INDEX TO SUBJECTS.

xi

## PART III. GRADED PRICES.

	Page
<b>INTRODUCTION,</b>	251-271
Wages in the Reports for 1895, 1896, 1897, and 1898,	251
Branches of occupation classified under the various industries,	251
Branches of occupation taken from previous reports printed in Roman type,	251, 252
Necessary to add other occupations not given in previous re- ports,	252
List of added occupations based on classification used in the State Census of 1895,	252
Names of added branches of employment printed in Italic type,	252
Classification of branches of employment,	253-262
Personal service,	253
Transportation,	253
Manufactures,	253-261
Laborers,	261, 262
Number of branches of employment printed in Roman type and in Italic type,	262
Question of prices closely connected with that of wages,	263
References made to statistics of prices in preceding reports.	263, 264
Statistics of graded prices collated from reports of the va- rious States and countries,	264
Articles, number of States and Foreign Countries represented, and number of price quotations for each State and country,	264-269
Extract from Part II of the Bureau Report for 1895 relating to wages and prices,	269, 270
Prices of provisions, etc., in Massachusetts and Europe; pur- chase-power of money,	270
Extract from Part IV, Bureau Report for 1882,	270, 271
Method of presentation of graded prices,	271
Names of articles, etc.,	271
States of the Union by name,	271
Foreign countries by name,	271
Basis or unit of weight or measurement,	271
Chronological arrangement of quotations,	271
Abbreviations used for the five "grades",	271
Prices expressed in dollars and cents (foreign quotations re- duced to U. S. standard)	271
 <b>GRADED PRICES,</b>	 272-651
Board,	272-278
Board (females),	272-275
Board (males),	275-278
Boots and shoes,	278-286
Boots, men's	278-284
Boots, women's	284
Boots, children's	284

## PART III. GRADED PRICES — Continued.

## GRADED PRICES — Con.

## Boots and Shoes — Con.

	Page
Shoes, men's . . . . .	285
Shoes, women's . . . . .	285, 286
Shoes, children's . . . . .	286
Cereals, etc., . . . . .	287-319
Flour (buckwheat), . . . . .	287
Flour (graham), . . . . .	287
Flour (rye), . . . . .	287-290
Flour (wheat), . . . . .	290-303
Meal (corn), . . . . .	303-307
Meal (rye), . . . . .	307, 308
Oatmeal, . . . . .	308, 309
Rice, . . . . .	309-316
Tobacco, . . . . .	316-319
Dairy products, . . . . .	319-343
Butter, . . . . .	319-329
Cheese, . . . . .	329-338
Milk, . . . . .	338-343
Dry goods, clothing, etc., . . . . .	343-392
Blankets, . . . . .	343
Calicoes and prints, . . . . .	343-348
Coats, men's . . . . .	348, 349
Cotton flannel, . . . . .	349-354
Flannel, . . . . .	354, 355
Gingham, . . . . .	355
Gloves, . . . . .	355, 356
Hats, men's . . . . .	356
Hose (cotton, woollen, etc.), . . . . .	356, 357
Muslin, . . . . .	357, 358
Muslin-de-laine, . . . . .	358-362
Overcoats, . . . . .	362
Pantaloon, . . . . .	362, 363
Satinets, . . . . .	363-367
Sheeting (bleached), . . . . .	367-371
Sheeting (unbleached), . . . . .	371-376
Shirting (bleached), . . . . .	376-381
Shirting (unbleached), . . . . .	381-385
Suits, men's . . . . .	385, 386
Ticking, . . . . .	386-391
Towelling, . . . . .	391
Vests, . . . . .	391, 392
Woollen dress goods, . . . . .	392
Fish, . . . . .	392-407
Cod, . . . . .	392, 393
Cod (salt), . . . . .	393-398
Fish, <i>n. s.</i> , . . . . .	398, 399



## PART III. GRADED PRICES — Continued.

## GRADED PRICES — Con.

## Fish — Con.

	Page
Haddock, . . . . .	399
Halibut, . . . . .	399, 400
Herring, . . . . .	400
Mackerel (fresh), . . . . .	400, 401
Mackerel (salt), . . . . .	401-406
Salmon, . . . . .	406, 407
Food products, . . . . .	407-492
Allspice, . . . . .	407
Apples (dried), . . . . .	407
Baking powder, . . . . .	408
Baking soda, . . . . .	408
Beans (dried), . . . . .	408-415
Beans, string (canned) . . . . .	415
Beef (dried), . . . . .	415
Chocolate, . . . . .	415
Cinnamon, . . . . .	416
Cloves, . . . . .	416
Cocoa, . . . . .	416, 417
Coffee (green), . . . . .	417-422
Coffee (roasted), . . . . .	422-430
Corn (canned), . . . . .	430, 431
Crackers, . . . . .	431
Cream of tartar, . . . . .	431, 432
Currants, . . . . .	432
Ginger, . . . . .	432, 433
Lard, . . . . .	433-441
Molasses, . . . . .	441, 442
Molasses (New Orleans), . . . . .	443-449
Molasses (Porto Rico), . . . . .	449-452
Molasses (syrup), . . . . .	452-458
Mustard, . . . . .	458
Nutmegs, . . . . .	458
Peaches (canned), . . . . .	458, 459
Peaches (dried), . . . . .	459
Pears (canned), . . . . .	459
Pease (dried), . . . . .	459, 460
Pepper, . . . . .	460
Pickles, . . . . .	460, 461
Plums (canned), . . . . .	461
Prunes, . . . . .	461
Raisins, . . . . .	461, 462
Sago, . . . . .	462
Salt, . . . . .	462-464
Sugar, . . . . .	464-468
Sugar (brown), . . . . .	468-474

## PART III. GRADED PRICES — Continued.

## GRADED PRICES — Con.

## Food Products — Con.

	Page
Sugar (granulated), . . . . .	474, 475
Sugar (loaf), . . . . .	475
Sugar (powdered), . . . . .	475, 476
Sugar (yellow), . . . . .	476-481
Tapioca, . . . . .	481
Tea, . . . . .	481-490
Tea (black), . . . . .	490, 491
Tea (green), . . . . .	491
Tomatoes (canned), . . . . .	491
Vinegar, . . . . .	491, 492
Fruits, . . . . .	492-494
Apples, . . . . .	492, 493
Cranberries, . . . . .	493
Lemons, . . . . .	493, 494
Fuel, . . . . .	494-507
Coal (anthracite), . . . . .	494-498
Coal (bituminous), . . . . .	498-502
Wood, . . . . .	502-507
Laundry supplies, . . . . .	507-519
Soap, . . . . .	507-513
Starch, . . . . .	513-519
Light, . . . . .	519-523
Oil (kerosene), . . . . .	519-523
Meats and game, . . . . .	524-615
Beef (corned), . . . . .	524-529
Beef (roasting pieces), . . . . .	529-536
Beef (soup pieces), . . . . .	536-542
Beefsteak, . . . . .	542-547
Lamb, . . . . .	548
Liver, . . . . .	548
Mutton, . . . . .	548-551
Mutton (forequarter), . . . . .	551-555
Mutton (hindquarter), . . . . .	555
Mutton (leg), . . . . .	555-560
Mutton chops, . . . . .	560-564
Pork, . . . . .	564-572
Pork (bacon), . . . . .	572-578
Pork (corned), . . . . .	578-585
Pork (hams), . . . . .	585-593
Pork (sausages), . . . . .	593-598
Tripe, . . . . .	598, 599
Veal, . . . . .	599-601
Veal (cutlet), . . . . .	601-606
Veal (forequarter), . . . . .	606-610
Veal (hindquarter), . . . . .	610-615

# INDEX TO SUBJECTS.

xv

## PART III. GRADED PRICES—Continued.

GRADED PRICES — Con.	Page
Poultry products, . . . . .	615-625
Chickens, . . . . .	615, 616
Eggs, . . . . .	616-624
Fowls, . . . . .	624
Turkeys, . . . . .	624, 625
Rents, . . . . .	625-637
Rent (1 room), . . . . .	625
Rent (2 rooms), . . . . .	625, 626
Rent (3 rooms), . . . . .	626
Rent (4 rooms), . . . . .	626-631
Rent (5 rooms), . . . . .	631, 632
Rent (6 rooms), . . . . .	632-636
Rent (7 rooms), . . . . .	636, 637
Rent (8 rooms), . . . . .	637
Rent (10 rooms), . . . . .	637
Vegetables (green), . . . . .	638-651
Cabbage, . . . . .	638
Corn, . . . . .	638-640
Onions, . . . . .	640
Pease (green), . . . . .	640, 641
Potatoes, . . . . .	641-650
Potatoes (sweet), . . . . .	650
Tomatoes, . . . . .	650
Turnips, . . . . .	650, 651
ANALYSIS, . . . . .	651-792
Recapitulation of graded wages drawn from the Bureau Re- ports for 1895, 1896, 1897, and 1898, . . . . .	651
Method of preparing the recapitulation, . . . . .	651-653
Graded figures differ from those in the recapitulations in the reports 1895-1898, . . . . .	651, 652
Explanation of method of obtaining the several grades, . . . . .	652
Illustration of the proper manner of reading the table, . . . . .	652, 653
Branches of employment. Recapitulation, . . . . .	654-733
Personal service, . . . . .	654
Transportation, . . . . .	654
Manufactures, . . . . .	654-726
Laborers, . . . . .	727-733
Kinds of articles, etc. Recapitulation, . . . . .	734-767
Board, . . . . .	734
Boots and shoes, . . . . .	734, 735
Cereals, etc., . . . . .	736-741
Dairy products, . . . . .	741, 742
Dry goods, clothing, etc., . . . . .	742-746
Fish, . . . . .	746-748
Food products, . . . . .	748-755
Fruits, . . . . .	755, 756

## PART III. GRADED PRICES — Concluded.

## ANALYSIS — Con.

Kinds of articles, etc.	Recapitulation — Con.	Page
Fuel, . . . . .		756
Laundry supplies, . . . . .		757, 758
Light, . . . . .		759
Meats, . . . . .		759-764
Poultry products, . . . . .		765
Rents, . . . . .		765, 766
Vegetables (green), . . . . .		766, 767
Summary of articles by price grades, . . . . .		767-774
Massachusetts, . . . . .		768-770
Other United States, . . . . .		770-772
Foreign Countries, . . . . .		772, 773
Explanation of method of preparing summary, . . . . .		774
General statistical comparisons by grades for wages and prices, . . . . .		774-792
Explanation of method of preparing tables, . . . . .		775, 776
Prices, . . . . .		776-783
High, . . . . .		776, 777
Medium High, . . . . .		777-779
Medium, . . . . .		779, 780
Medium Low, . . . . .		780-782
Low, . . . . .		782, 783
Wages, . . . . .		783-790
High, . . . . .		783-785
Medium High, . . . . .		785, 786
Medium, . . . . .		786, 787
Medium Low, . . . . .		787-789
Low, . . . . .		789, 790
Consolidated presentation for the "five grades," . . . . .		790, 791
Diagram table for graded prices, . . . . .		791
Diagram table for graded wages, . . . . .		792

# Commonwealth of Massachusetts.

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BUREAU OF STATISTICS OF LABOR,  
ROOMS 250-258, STATE HOUSE,  
BOSTON, December 19, 1901.

TO THE HONORABLE SENATE AND HOUSE OF REPRESENTATIVES:

I have the honor to transmit, herewith, the Thirty-first Annual Report of the Bureau of Statistics of Labor, consisting of three parts, as follows:

Part I. Population of Massachusetts — 1900.

Part II. The Insurance of Workingmen.

Part III. Graded Prices: Massachusetts, Other United States, and Foreign Countries. 1816-1891.

The publication of this volume in its bound form has been unavoidably delayed in order that Part II, a special report prepared by order of the legislature, might be included. Each of the parts, in pamphlet form, has been made public, however, immediately upon its completion, as provided by law.

Part III completes the collection of data on graded wages and prices, which are constantly called for in relation to the cost of living of workingmen in Massachusetts as compared with other States, and under present industrial conditions as compared with the past. It seemed best to present this final part entire, rather than separate it into two sections appearing in different years, although to do this, especially in the same volume which includes the special report comprising Part II, enlarges the book considerably beyond the average size of the reports of the Department.

I desire to again acknowledge the efficient services of Mr. Charles F. Pidgin, Chief Clerk, whose experience is of great value to the Bureau; and also to thank Mr. Frank H. Drown, Second Clerk, for his assistance and co-operation.

Very respectfully,

HORACE G. WADLIN, *Chief.*



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PART I.

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POPULATION OF MASSACHUSETTS.

1900.

FROM THE TWELFTH UNITED STATES CENSUS.

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## PART I.

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# POPULATION OF MASSACHUSETTS. 1900.

FROM THE TWELFTH UNITED STATES CENSUS.

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This Bureau is the Census Office of the Commonwealth, and under the constitution, and laws made in conformity therewith, the Decennial Census of the State has been taken by this Department since 1875. In 1880, 1890, and again during the present year, by consent of the Legislature, the Bureau has been brought into connection with the Federal Census Office through the appointment of the Chief as Supervisor, an arrangement which is of mutual benefit to the Commonwealth and to the Federal government, insuring the utmost possible accuracy in the enumeration.

The results of the Twelfth United States Census taken in June have been given to the public by official announcement from the Census Office at Washington. In this Part we reproduce the figures for general circulation, and accompany them with such comparisons and analysis as are adapted to show clearly the present status of the population, and its relation to the industrial centres of the State.

The principal statistical tables are the following:

Table I. Present population of cities and towns, alphabetically arranged.

Table II. Population of the counties, cities, and towns, at three census dates, 1890, 1895, and 1900, with increase or decrease in numbers and percentages.

Table III. Population of the congressional districts in detail, by cities and towns, in 1890 and 1900, with increase or decrease numerically and by percentages.

Table IV. Population of cities and towns according to rank in 1900, with comparative figures as to rank for 1890 and 1895.

These tables are presented in the order specified, followed by an analysis in text to which the attention of the reader is especially directed.

TABLE I. *Population—1900: By Towns, Alphabetically.*

CITIES AND TOWNS.	County	Popula- tion	CITIES AND TOWNS.	County	Popula- tion
Abington, . . .	Plymouth, .	4,489	Brimfield, . . .	Hampden, .	941
Acton, . . .	Middlesex, .	2,120	BROCKTON,* . .	Plymouth, .	40,063
Acushnet, . . .	Bristol, . .	1,221	Brookfield, . . .	Worcester, .	3,062
Adams, . . .	Berkshire, .	11,134	Brookline, . . .	Norfolk, . .	19,935
Agawam, . . .	Hampden, . .	2,536	Buckland, . . .	Franklin, . .	1,446
Alford, . . .	Berkshire, .	272	Burlington, . . .	Middlesex, .	593
Amesbury, . . .	Essex, . . .	9,473	CAMBRIDGE,* . .	Middlesex, .	91,886
Amherst, . . .	Hampshire, .	5,028	Canton, . . .	Norfolk, . .	4,584
Andover, . . .	Essex, . . .	6,813	Carlisle, . . .	Middlesex, .	480
Arlington, . . .	Middlesex, .	8,603	Carver, . . .	Plymouth, .	1,104
Ashburnham, . .	Worcester, .	1,882	Charlemont, . . .	Franklin, . .	1,094
Ashby, . . .	Middlesex, .	876	Charlton, . . .	Worcester, .	1,860
Ashfield, . . .	Franklin, . .	955	Chatham, . . .	Barnstable, .	1,749
Ashland, . . .	Middlesex, .	1,525	Chelmsford, . . .	Middlesex, .	3,984
Athol, . . .	Worcester, .	7,061	CHELSEA, . . .	Suffolk, . .	34,072
Attleborough, . .	Bristol, . .	11,335	Cheshire, . . .	Berkshire, .	1,221
Auburn, . . .	Worcester, .	1,621	Chester, . . .	Hampden, .	1,450
Avon, . . .	Norfolk, . .	1,741	Chesterfield, . .	Hampshire, .	611
Ayer, . . .	Middlesex, .	2,446	CHICOPEE, . . .	Hampden, .	19,167
Barnstable, . . .	Barnstable, .	4,364	Chilmark, . . .	Dukes, . . .	324
Barre, . . .	Worcester, .	2,059	Clarksburg, . . .	Berkshire, .	943
Becket, . . .	Berkshire, .	994	Clinton, . . .	Worcester, .	13,667
Bedford, . . .	Middlesex, .	1,208	Cohasset, . . .	Norfolk, . .	2,759
Belchertown, . .	Hampshire, .	2,292	Colrain, . . .	Franklin, . .	1,749
Bellingham, . . .	Norfolk, . .	1,682	Concord, . . .	Middlesex, .	5,652
Belmont,* . . .	Middlesex, .	3,929	Conway, . . .	Franklin, . .	1,458
Berkley, . . .	Bristol, . .	949	Cottage City, . .	Dukes, . . .	1,100
Berlin, . . .	Worcester, .	1,003	Cummington, . .	Hampshire, .	748
Bernardston, . .	Franklin, . .	792	Dalton, . . .	Berkshire, .	3,014
BEVERLY,* . . .	Essex, . . .	13,884	Dana, . . .	Worcester, .	790
Billerica, . . .	Middlesex, .	2,775	Danvers, . . .	Essex, . . .	8,542
Blackstone, . . .	Worcester, .	5,721	Dartmouth, . . .	Bristol, . . .	3,669
Blandford, . . .	Hampden, . .	836	Dedham,* . . .	Norfolk, . .	7,457
Bolton, . . .	Worcester, .	770	Deerfield,* . . .	Franklin, . .	1,969
Boston, . . .	Suffolk, . .	560,892	Dennis, . . .	Barnstable, .	2,333
Bourne, . . .	Barnstable, .	1,657	Dighton, . . .	Bristol, . . .	1,802
Boxborough, . .	Middlesex, .	316	Douglas, . . .	Worcester, .	2,113
Boxford, . . .	Essex, . . .	704	Dover, . . .	Norfolk, . .	656
Boylston, . . .	Worcester, .	1,364	Dracut, . . .	Middlesex, .	3,253
Braintree, . . .	Norfolk, . .	5,981	Dudley, . . .	Worcester, .	3,553
Brewster, . . .	Barnstable, .	829	Dunstable, . . .	Middlesex, .	427
Bridgewater, . .	Plymouth, .	5,806	Duxbury, . . .	Plymouth, .	2,075

\* See Notes, page 8.

TABLE I. *Population — 1900: By Towns, Alphabetically — Continued.*

CITIES AND TOWNS.	County	Population	CITIES AND TOWNS.	County	Population
East Bridgewater,	Plymouth, .	3,025	Hardwick, . .	Worcester,	3,203
Eastham, . .	Barnstable,	502	Harvard, . .	Worcester,	1,139
Easthampton, .	Hampshire,	5,603	Harwich, . .	Barnstable,	2,334
E. Longmeadow,*	Hampden, .	1,187	Hatfield, . .	Hampshire,	1,500
Easton, . .	Bristol, .	4,837	HAVERHILL,* .	Essex, .	37,175
Edgartown, . .	Dukes, .	1,209	Hawley, . .	Franklin, .	429
Egremont, . .	Berkshire, .	758	Heath, . .	Franklin, .	441
Enfield, . .	Hampshire,	1,036	Hingham, . .	Plymouth, .	5,059
Erving, . .	Franklin, .	973	Hinsdale, . .	Berkshire, .	1,485
Essex, . .	Essex, .	1,663	Holbrook, . .	Norfolk, .	2,229
EVERETT,* . .	Middlesex,	24,336	Holden, . .	Worcester, .	2,464
Fairhaven, . .	Bristol, .	3,567	Holland, . .	Hampden, .	169
FALL RIVER, .	Bristol, .	104,863	Holliston, . .	Middlesex,	2,598
Falmouth, . .	Barnstable,	3,500	HOLYOKE, . .	Hampden, .	45,712
FITCHBURG, . .	Worcester, .	31,531	Hopedale, . .	Worcester, .	2,087
Florida, . .	Berkshire, .	390	Hopkinton, . .	Middlesex,	2,623
Foxborough, .	Norfolk, .	3,266	Hubbardston, .	Worcester, .	1,227
Framingham, .	Middlesex,	11,302	Hudson, . .	Middlesex,	5,454
Franklin, . .	Norfolk, .	5,017	Hull, . .	Plymouth, .	1,703
Freetown, . .	Bristol, .	1,394	Huntington, .	Hampshire,	1,475
Gardner, . .	Worcester, .	10,813	Hyde Park, . .	Norfolk, .	13,244
Gay Head, . .	Dukes, .	173	Ipswich, . .	Essex, .	4,658
Georgetown, . .	Essex, .	1,900	Kingston, . .	Plymouth, .	1,955
Gill, . .	Franklin, .	1,015	Lakeville, . .	Plymouth, .	958
GLOUCESTER, .	Essex, .	26,121	Lancaster, . .	Worcester, .	2,478
Goshen, . .	Hampshire,	316	Lanesborough, .	Berkshire, .	780
Gosnold, . .	Dukes, .	164	LAWRENCE, . .	Essex, .	62,559
Grafton, . .	Worcester, .	4,869	Lee, . .	Berkshire, .	3,596
Granby, . .	Hampshire,	761	Leicester, . .	Worcester, .	3,416
Granville, . .	Hampden, .	1,050	Lenox, . .	Berkshire, .	2,942
Great Barrington,	Berkshire, .	5,854	Leominster, . .	Worcester, .	12,392
Greenfield,* . .	Franklin, .	7,927	Leverett, . .	Franklin, .	744
Greenwich, . .	Hampshire,	491	Lexington, . .	Middlesex,	3,831
Groton, . .	Middlesex,	2,052	Leyden, . .	Franklin, .	379
Groveland, . .	Essex, .	2,376	Lincoln, . .	Middlesex,	1,127
Hadley, . .	Hampshire,	1,789	Littleton, . .	Middlesex,	1,179
Halifax, . .	Plymouth, .	522	Longmeadow,* .	Hampden, .	811
Hamilton, . .	Essex, .	1,614	LOWELL, . .	Middlesex,	94,969
Hampden, . .	Hampden, .	782	Ludlow, . .	Hampden, .	3,536
Hancock, . .	Berkshire, .	451	Lunenburg, . .	Worcester, .	1,332
Hanover, . .	Plymouth, .	2,152	LYNN, . .	Essex, .	68,513
Hanson, . .	Plymouth, .	1,455	Lynnfield, . .	Essex, .	888

\* See Notes, page 8.

TABLE I. *Population—1900: By Towns, Alphabetically—Continued.*

CITIES AND TOWNS.	County	Popula- tion	CITIES AND TOWNS.	County	Popula- tion
MALDEN, . . .	Middlesex,	33,664	NORTHAMPTON, . .	Hampshire,	18,643
Manchester, . .	Essex, . .	2,522	North Andover, . .	Essex, . .	4,243
Mansfield, . . .	Bristol, . .	4,006	No. Attleborough, .	Bristol, . .	7,253
Marblehead, . .	Essex, . .	7,582	Northborough, . .	Worcester, .	2,164
Marion, . . .	Plymouth, .	902	Northbridge, . . .	Worcester, .	7,036
MARLBOROUGH, .	Middlesex,	13,609	North Brookfield, .	Worcester, .	4,587
Marshfield, . .	Plymouth, .	1,810	Northfield, . . .	Franklin, . .	1,966
Mashpee, . . .	Barnstable,	303	North Reading, . .	Middlesex,	1,035
Mattapoisett, . .	Plymouth, .	1,061	Norton, . . .	Bristol, . .	1,826
Maynard, . . .	Middlesex,	3,142	Norwell, . . .	Plymouth, .	1,560
Medfield, . . .	Norfolk, . .	2,926	Norwood, . . .	Norfolk, . .	5,480
MEDFORD,* . . .	Middlesex,	18,244			
Medway, . . .	Norfolk, . .	2,761	Oakham, . . .	Worcester, .	588
MELROSE,* . . .	Middlesex,	12,962	Orange, . . .	Franklin, . .	5,520
Mendon, . . .	Worcester, .	911	Orleans, . . .	Barnstable,	1,123
Merrimac, . . .	Essex, . .	2,131	Otis, . . .	Berkshire, .	476
Methuen, . . .	Essex, . .	7,512	Oxford, . . .	Worcester, .	2,677
Middleborough, .	Plymouth, .	6,885			
Middlefield, . .	Hampshire,	410	Palmer, . . .	Hampden, . .	7,801
Middleton, . . .	Essex, . .	839	Paxton, . . .	Worcester, .	459
Milford, . . .	Worcester, .	11,376	Peabody, . . .	Essex, . .	11,523
Millbury, . . .	Worcester, .	4,460	Pelham, . . .	Hampshire,	462
Millis, . . .	Norfolk, . .	1,053	Pembroke, . . .	Plymouth, .	1,240
Milton, . . .	Norfolk, . .	6,578	Pepperell, . . .	Middlesex,	3,701
Monroe, . . .	Franklin, . .	305	Pern, . . .	Berkshire, .	253
Monson, . . .	Hampden, .	3,402	Petersham, . . .	Worcester, .	853
Montague, . . .	Franklin, . .	6,150	Phillipston,* . . .	Worcester, .	441
Monterey, . . .	Berkshire, .	455	PITTSFIELD, . . .	Berkshire, .	21,766
Montgomery, . .	Hampden, .	273	Plainfield, . . .	Hampshire,	404
Mt. Washington, .	Berkshire, .	122	Plymouth, . . .	Plymouth, .	9,592
			Plympton, . . .	Plymouth, .	488
Nahant, . . .	Essex, . .	1,152	Prescott, . . .	Hampshire,	380
Nantucket, . . .	Nantucket,	3,006	Princeton, . . .	Worcester, .	975
Natick, . . .	Middlesex,	9,488	Provincetown, . .	Barnstable,	4,247
Needham, . . .	Norfolk, . .	4,016			
New Ashford, . .	Berkshire, .	107	QUINCY, . . .	Norfolk, . .	23,899
NEW BEDFORD, . .	Bristol, . .	62,442			
New Braintree, . .	Worcester, .	500	Randolph, . . .	Norfolk, . .	3,993
Newbury, . . .	Essex, . .	1,601	Raynham, . . .	Bristol, . .	1,540
NEWBURYPORT, .	Essex, . .	14,478	Reading, . . .	Middlesex,	4,969
New Marlborough, .	Berkshire, .	1,282	Rehoboth, . . .	Bristol, . .	1,840
New Salem, . . .	Franklin, . .	807	Revere, . . .	Suffolk, . .	10,395
NEWTON, . . .	Middlesex, .	33,587	Richmond, . . .	Berkshire, .	679
Norfolk, . . .	Norfolk, . .	980	Rochester, . . .	Plymouth, .	986
NORTH ADAMS,* .	Berkshire, .	24,200	Rockland, . . .	Plymouth, .	5,327
			Rockport, . . .	Essex, . .	4,592

\* See Notes, page 8.



TABLE I. *Population — 1900: By Towns, Alphabetically — Continued.*

CITIES AND TOWNS.	County	Population	CITIES AND TOWNS.	County	Population
Rowe, . . .	Franklin, .	549	Tisbury,* . . .	Dukes, .	1,149
Rowley, . . .	Essex, .	1,391	Tolland, . . .	Hampden, .	275
Royalston, . . .	Worcester, .	958	Topsfield, . . .	Essex, .	1,030
Russell, . . .	Hampden, .	793	Townsend, . . .	Middlesex, .	1,804
Rutland, . . .	Worcester, .	1,334	Truro, . . .	Barnstable, .	767
			Tyngsborough, .	Middlesex, .	773
SALEM, . . .	Essex, .	35,956	Tyringham, . . .	Berkshire, .	386
Salisbury, . . .	Essex, .	1,558			
Sandisfield, . . .	Berkshire, .	661	Upton, . . .	Worcester, .	1,937
Sandwich, . . .	Barnstable, .	1,448	Uxbridge, . . .	Worcester, .	3,599
Saugus, . . .	Essex, .	5,084			
Savoy, . . .	Berkshire, .	506	Wakefield, . . .	Middlesex, .	9,290
Scituate, . . .	Plymouth, .	2,470	Wales, . . .	Hampden, .	773
Seekonk, . . .	Bristol, .	1,673	Walpole, . . .	Norfolk, .	3,572
Sharon, . . .	Norfolk, .	2,060	WALTHAM, . . .	Middlesex, .	23,481
Sheffield, . . .	Berkshire, .	1,804	Ware, . . .	Hampshire, .	8,263
Shelburne, . . .	Franklin, .	1,508	Wareham, . . .	Plymouth, .	3,432
Sherborn, . . .	Middlesex, .	1,483	Warren, . . .	Worcester, .	4,417
Shirley, . . .	Middlesex, .	1,680	Warwick, . . .	Franklin, .	619
Shrewsbury, . . .	Worcester, .	1,626	Washington, . . .	Berkshire, .	377
Shutesbury, . . .	Franklin, .	382	Watertown, . . .	Middlesex, .	9,706
Somerset, . . .	Bristol, .	2,241	Wayland, . . .	Middlesex, .	2,303
SOMERVILLE, . . .	Middlesex, .	61,643	Webster, . . .	Worcester, .	8,804
Southampton, . . .	Hampshire, .	1,012	Wellesley, . . .	Norfolk, .	5,072
Southborough, . . .	Worcester, .	1,921	Wellfleet, . . .	Barnstable, .	988
Southbridge, . . .	Worcester, .	10,025	Wendell, . . .	Franklin, .	492
South Hadley, . . .	Hampshire, .	4,526	Wenham, . . .	Essex, .	847
Southwick, . . .	Hampden, .	1,040	Westborough, . . .	Worcester, .	5,400
Spencer, . . .	Worcester, .	7,627	West Boylston, . . .	Worcester, .	2,314
SPRINGFIELD, . . .	Hampden, .	62,059	W. Bridgewater,* .	Plymouth, .	1,711
Sterling, . . .	Worcester, .	1,420	West Brookfield, . . .	Worcester, .	1,448
Stockbridge, . . .	Berkshire, .	2,081	Westfield, . . .	Hampden, .	12,310
Stoneham,* . . .	Middlesex, .	6,197	Westford, . . .	Middlesex, .	2,624
Stoughton, . . .	Norfolk, .	5,442	Westhampton, . . .	Hampshire, .	469
Stow, . . .	Middlesex, .	1,002	Westminster, . . .	Worcester, .	1,327
Sturbridge, . . .	Worcester, .	2,058	West Newbury, . . .	Essex, .	1,558
Sudbury, . . .	Middlesex, .	1,150	Weston, . . .	Middlesex, .	1,834
Sunderland, . . .	Franklin, .	771	Westport, . . .	Bristol, .	2,890
Sutton, . . .	Worcester, .	3,328	West Springfield, . . .	Hampden, .	7,105
Swampscott, . . .	Essex, .	4,548	West Stockbridge, . . .	Berkshire, .	1,158
Swansea, . . .	Bristol, .	1,645	West Tisbury,* . . .	Dukes, .	442
			Westwood,* . . .	Norfolk, .	1,112
TAUNTON, . . .	Bristol, .	31,036	Weymouth, . . .	Norfolk, .	11,324
Templeton,* . . .	Worcester, .	3,489	Whately, . . .	Franklin, .	769
Tewksbury, . . .	Middlesex, .	3,683	Whitman, . . .	Plymouth, .	6,155

\* See Notes, page 8.



TABLE I. *Population — 1900: By Towns, Alphabetically — Concluded.*

CITIES AND TOWNS.	County	Population	CITIES AND TOWNS.	County	Population
Wilbraham, . .	Hampden, .	1,595	Winthrop, . .	Suffolk, .	6,058
Williamsburg, .	Hampshire,	1,926	WOBURN,* . .	Middlesex,	14,254
Williamstown,* .	Berkshire, .	5,013	WORCESTER, .	Worcester,	118,421
Wilmington, .	Middlesex,	1,596	Worthington, .	Hampshire,	675
Winchendon, .	Worcester,	5,001	Wrentham, . .	Norfolk, .	2,720
Winchester, . .	Middlesex,	7,248			
Windsor, . . .	Berkshire, .	507	Yarmouth, . .	Barnstable,	1,682

\* See Notes, following.

## NOTES.

The following data show the establishment of new towns, incorporation of new cities, changes in area, boundaries, etc., since 1890:

Belmont town, part of, annexed to Cambridge city by readjustment of boundary lines, 1891.  
 Beverly town incorporated as a city, 1894.  
 Bradford town annexed to Haverhill city, 1896.  
 Brockton city enlarged by annexation of part of West Bridgewater town, 1894.  
 Cambridge city, part of, annexed to Belmont town by readjustment of boundary lines, 1891.  
 Dedham town, part of, taken to establish Westwood town, 1897.  
 Deerfield town, part of, annexed to Greenfield town, 1896.  
 East Longmeadow town established out of part of Longmeadow town, 1894.  
 Everett town incorporated as a city, 1892.  
 Greenfield town enlarged by annexation of part of Deerfield town, 1896.  
 Haverhill city enlarged by annexation of Bradford town, 1896.  
 Longmeadow town, part of, taken to establish East Longmeadow town, 1894.  
 Medford town incorporated as a city, 1892.  
 Melrose town incorporated as a city, 1899.  
 North Adams town incorporated as a city, 1895. North Adams city enlarged by annexation of part of Williamstown town, 1900.  
 Phillipston town, part of, annexed to Templeton town, 1892.  
 Stoneham town enlarged by annexation of part of Woburn city, 1895.  
 Templeton town enlarged by annexation of part of Phillipston town, 1892.  
 Tisbury town, part of, taken to establish West Tisbury town, 1892.  
 West Bridgewater town, part of, annexed to Brockton city, 1894.  
 West Tisbury town established out of part of Tisbury town, 1892.  
 Westwood town established out of part of Dedham town, 1897.  
 Williamstown town, part of, annexed to North Adams city, 1900.  
 Woburn city, part of, annexed to Stoneham town, 1895.

TABLE II. *Comparative Population 1890, 1895, and 1900.*

COUNTIES, CITIES, AND TOWNS.	POPULATION			INCREASE (+), OR DE- CREASE (—), IN 1900 AS COMPARED WITH 1890		INCREASE (+), OR DE- CREASE (—), IN 1900 AS COMPARED WITH 1895	
	1890	1895	1900	Number	Percent- ages	Number	Percent- ages
BARNSTABLE.	29,172	27,654	27,826	—1,346	—4.61	+172	+0.62
Barnstable, . .	4,023	4,055	4,364	+341	+8.48	+309	+7.62
Bourne, . . .	1,442	1,580	1,657	+215	+14.91	+77	+4.87
Brewster, . . .	1,003	901	829	—174	—17.35	—72	—7.99

TABLE II. *Comparative Population 1890, 1895, and 1900 — Continued.*

COUNTIES, CITIES, AND TOWNS.	POPULATION			INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1890		INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1895	
	1890	1895	1900	Number	Percent- ages	Number	Percent- ages
<b>BARNSTABLE</b> — Con.							
Chatham, . . .	1,954	1,809	1,749	-205	-10.49	-60	-3.32
Dennis, . . .	2,899	2,545	2,333	-566	-19.52	-212	-8.33
Eastham, . . .	602	476	502	-100	-16.61	+26	+5.46
Falmouth, . . .	2,567	2,655	3,500	+933	+36.35	+845	+31.83
Harwich, . . .	2,734	2,532	2,334	-400	-14.63	-198	-7.82
Mashpee, . . .	298	330	303	+5	+1.68	-27	-8.18
Orleans, . . .	1,219	1,198	1,123	-96	-7.88	-75	-6.26
Provincetown, . .	4,642	4,555	4,247	-395	-8.51	-308	-6.76
Sandwich, . . .	1,819	1,580	1,448	-371	-20.40	-132	-8.35
Truro, . . .	919	815	767	-152	-16.54	-48	-5.89
Wellfleet, . . .	1,291	968	988	-303	-23.47	+20	+2.07
Yarmouth, . . .	1,760	1,655	1,682	-78	-4.43	+27	+1.63
<b>BERKSHIRE.</b>							
Adams, . . .	9,213	7,837	11,134	+1,921	+20.85	+3,297	+42.07
Alford, . . .	297	280	272	-25	-8.42	-8	-2.86
Becket, . . .	946	888	994	+48	+5.07	+106	+11.94
Cheshire, . . .	1,308	1,176	1,221	-87	-6.65	+45	+3.83
Clarksburg, . . .	884	1,009	943	+59	+6.67	-66	-6.54
Dalton, . . .	2,885	3,210	3,014	+129	+4.47	-196	-6.11
Egremont, . . .	845	836	758	-87	-10.30	-78	-9.33
Florida, . . .	436	425	390	-46	-10.55	-35	-8.24
Great Barrington, .	4,612	4,794	5,854	+1,242	+26.93	+1,060	+22.11
Hancock, . . .	506	511	451	-55	-10.87	-60	-11.74
Hinsdale, . . .	1,739	1,650	1,485	-254	-14.61	-165	-10.00
Lanesborough, . .	1,018	848	780	-238	-23.38	-68	-8.02
Lee, . . .	3,785	4,066	3,596	-189	-4.99	-470	-11.56
Lenox, . . .	2,889	2,872	2,942	+53	+1.83	+70	+2.44
Monterey, . . .	495	464	455	-40	-8.08	-9	-1.94
Mount Washington, .	148	136	122	-26	-17.57	-14	-10.29
New Ashford, . . .	125	116	107	-18	-14.40	-9	-7.76
New Marlborough, .	1,305	1,288	1,282	-23	-1.76	-6	-0.47
NORTH ADAMS,* . .	16,074	19,135	24,200	+8,126	+50.55	+5,065	+26.47
Otis, . . .	583	518	476	-107	-18.35	-42	-8.11
Peru, . . .	305	305	253	-52	-17.05	-52	-17.05
PITTSFIELD, . . .	17,281	20,461	21,766	+4,485	+25.95	+1,305	+6.38
Richmond, . . .	796	701	679	-117	-14.70	-22	-3.14
Sandisfield, . . .	807	802	661	-146	-18.09	-141	-17.58
Savoy, . . .	569	504	506	-63	-11.07	+2	+0.40
Sheffield, . . .	1,954	1,897	1,804	-150	-7.68	-93	-4.90

\* See Notes, page 8.

TABLE II. *Comparative Population 1890, 1895, and 1900—Continued.*

COUNTIES, CITIES, AND TOWNS.	POPULATION			INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1890		INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1895	
	1890	1895	1900	Number	Percent- ages	Number	Percent- ages
BERKSHIRE—Con.							
Stockbridge, . .	2,132	2,077	2,081	—51	—2.39	+4	+0.19
Tyringham, . .	412	363	386	—26	—6.31	+23	+6.34
Washington, . .	434	423	377	—57	—13.13	—46	—10.87
West Stockbridge, .	1,492	1,257	1,158	—334	—22.39	—99	—7.88
Williamstown,* . .	4,221	4,887	5,013	+792	+18.76	+126	+2.58
Windsor, . .	612	556	507	—105	—17.16	—49	—8.81
BRISTOL.	186,465	219,019	252,029	+65,564	+35.16	+33,010	+15.07
Acushnet, . .	1,027	1,115	1,221	+194	+18.89	+106	+9.51
Attleborough, . .	7,577	8,288	11,335	+3,758	+49.60	+3,047	+36.76
Berkley, . .	894	955	949	+55	+6.15	—6	—0.63
Dartmouth, . .	3,122	3,107	3,669	+547	+17.52	+562	+18.09
Dighton, . .	1,889	1,797	1,802	—87	—4.61	+5	+0.28
Easton, . .	4,493	4,452	4,837	+344	+7.66	+385	+8.65
Fairhaven, . .	2,919	3,338	3,567	+648	+22.20	+229	+6.86
FALL RIVER, . .	74,398	89,203	104,863	+30,465	+40.95	+15,660	+17.56
Freetown, . .	1,417	1,405	1,394	—23	—1.62	—11	—0.78
Mansfield, . .	3,432	3,722	4,006	+574	+16.72	+284	+7.63
NEW BEDFORD, . .	40,733	55,251	62,442	+21,709	+53.30	+7,191	+13.02
North Attleborough,	6,727	6,576	7,253	+526	+7.82	+677	+10.30
Norton, . .	1,785	1,614	1,826	+41	+2.30	+212	+13.14
Raynham, . .	1,340	1,518	1,540	+200	+14.93	+22	+1.45
Rehoboth, . .	1,786	1,810	1,840	+54	+3.02	+30	+1.66
Seekonk, . .	1,317	1,465	1,673	+356	+27.03	+208	+14.20
Somerset, . .	2,106	1,983	2,241	+135	+6.41	+258	+13.01
Swansea, . .	1,456	1,627	1,645	+189	+12.98	+18	+1.11
TAUNTON, . .	25,448	27,115	31,036	+5,588	+21.96	+3,921	+14.46
Westport, . .	2,599	2,678	2,890	+291	+11.20	+212	+7.92
DUKES.	4,369	4,238	4,561	+192	+4.39	+323	+7.62
Chilmark, . .	353	304	324	—29	—8.22	+20	+6.58
Cottage City, . .	1,080	1,038	1,100	+20	+1.85	+62	+5.97
Edgartown, . .	1,156	1,125	1,209	+53	+4.58	+84	+7.47
Gay Head, . .	139	169	173	+34	+24.46	+4	+2.37
Gosnold, . .	135	140	164	+29	+21.48	+24	+17.14
Tisbury,* . .	1,506	1,002	1,149	—357	—23.71	+147	+14.67
West Tisbury,* . .	—	460	442	+442	—	—18	—3.91
ESSEX.	299,995	330,393	357,030	+57,035	+19.01	+26,637	+8.06
Amesbury, . .	9,798	9,986	9,473	—325	—3.32	—513	—5.14
Andover, . .	6,142	6,145	6,813	+671	+10.92	+668	+10.87

\* See Notes, page 8.

TABLE II. *Comparative Population 1890, 1895, and 1900 — Continued.*

COUNTIES, CITIES, AND TOWNS.	POPULATION			INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1890		INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1895	
	1890	1895	1900	Number	Percent- ages	Number	Percent- ages
ESSEX — Con.							
BEVERLY,* . .	10,821	11,806	13,884	+3,063	+28.31	+2,078	+17.60
Boxford, . .	865	727	704	-161	-18.61	-23	-3.16
Bradford,* . .	3,720	4,736	—	-3,720	—	-4,736	—
Danvers, . .	7,454	8,181	8,542	+1,088	+14.60	+361	+4.41
Essex, . .	1,713	1,587	1,663	-50	-2.92	+76	+4.79
Georgetown, . .	2,117	2,050	1,900	-217	-10.25	-150	-7.32
GLOUCESTER, . .	24,651	28,211	26,121	+1,470	+5.96	-2,090	-7.41
Groveland, . .	2,191	2,333	2,376	+185	+8.44	+43	+1.84
Hamilton, . .	961	1,356	1,614	+653	+67.95	+258	+19.03
HAVERHILL,* . .	27,412	30,209	37,175	+9,763	+35.62	+6,966	+23.06
Ipswich, . .	4,439	4,720	4,658	+219	+4.93	-62	-1.31
LAWRENCE, . .	44,654	52,164	62,559	+17,905	+40.10	+10,395	+19.93
LYNN, . .	55,727	62,354	68,513	+12,786	+22.94	+6,159	+9.88
Lynnfield, . .	787	818	888	+101	+12.83	+70	+8.56
Manchester, . .	1,789	1,876	2,522	+733	+40.97	+646	+34.43
Marblehead, . .	8,202	7,671	7,582	-620	-7.56	-89	-1.16
Merrimac, . .	2,633	2,301	2,131	-502	-19.07	-170	-7.39
Methuen, . .	4,814	5,690	7,512	+2,698	+56.04	+1,822	+32.02
Middleton, . .	924	838	839	-85	-9.20	+1	+0.12
Nahant, . .	880	865	1,152	+272	+30.91	+287	+33.18
Newbury, . .	1,427	1,489	1,601	+174	+12.19	+112	+7.52
NEWBURYPORT, . .	13,947	14,552	14,478	+531	+3.81	-74	-0.51
North Andover, . .	3,742	3,569	4,243	+501	+13.39	+674	+18.88
Peabody, . .	10,158	10,507	11,523	+1,365	+13.44	+1,016	+9.67
Rockport, . .	4,087	5,289	4,592	+505	+12.36	-697	-13.18
Rowley, . .	1,248	1,272	1,391	+143	+11.46	+119	+9.36
SALEM, . .	30,801	34,473	35,956	+5,155	+16.74	+1,483	+4.30
Salisbury, . .	1,316	1,300	1,558	+242	+18.39	+258	+19.85
Saugus, . .	3,673	4,497	5,084	+1,411	+38.42	+587	+13.05
Swampscott, . .	3,198	3,259	4,548	+1,350	+42.21	+1,289	+39.55
Topsfield, . .	1,022	1,033	1,030	+8	+0.78	-3	-0.29
Wenham, . .	886	886	847	-39	-4.40	-39	-4.40
West Newbury, . .	1,796	1,643	1,558	-238	-13.25	-85	-5.17
FRANKLIN.							
Ashfield, . .	1,025	1,013	955	-70	-6.83	-58	-5.73
Bernardston, . .	770	778	792	+22	+2.86	+14	+1.80
Buckland, . .	1,570	1,548	1,446	-124	-7.90	-102	-6.59
Charlemont, . .	972	1,041	1,094	+122	+12.55	+53	+5.09
Colrain, . .	1,671	1,610	1,749	+78	+4.67	+139	+8.63
Conway, . .	1,451	1,304	1,458	+7	+0.48	+154	+11.81

\* See Notes, page 8.



TABLE II. *Comparative Population 1890, 1895, and 1900—Continued.*

COUNTIES, CITIES, AND TOWNS.	POPULATION			INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1890		INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1895	
	1890	1895	1900	Number	Percent- ages	Number	Percent- ages
<b>FRANKLIN—Con.</b>							
Deerfield,* . . .	2,910	3,007	1,969	-941	-32.34	-1,038	-34.52
Erving, . . .	972	964	973	+1	+0.10	+9	+0.93
Gill, . . .	960	1,082	1,015	+55	+5.73	-67	-6.19
Greenfield,* . . .	5,252	6,229	7,927	+2,675	+50.93	+1,698	+27.26
Hawley, . . .	515	468	429	-86	-16.70	-39	-8.33
Heath, . . .	503	476	441	-62	-12.33	-35	-7.35
Leverett, . . .	702	744	744	+42	+5.98	†=	†=
Leyden, . . .	407	363	379	-28	-6.88	+16	+4.41
Monroe, . . .	282	298	305	+23	+8.16	+7	+2.35
Montague, . . .	6,296	6,058	6,150	-146	-2.32	+92	+1.52
New Salem, . . .	856	869	807	-49	-5.72	-62	-7.13
Northfield, . . .	1,869	1,851	1,966	+97	+5.19	+115	+6.21
Orange, . . .	4,568	5,361	5,520	+952	+20.84	+159	+2.97
Rowe, . . .	541	498	549	+8	+1.48	+51	+10.24
Shelburne, . . .	1,553	1,560	1,508	-45	-2.90	-52	-3.33
Shutesbury, . . .	453	444	382	-71	-15.67	-62	-13.96
Sunderland, . . .	663	696	771	+108	+16.29	+75	+10.78
Warwick, . . .	565	599	619	+54	+9.56	+20	+3.34
Wendell, . . .	505	529	492	-13	-2.57	-37	-6.99
Whately, . . .	779	755	769	-10	-1.28	+14	+1.85
<b>HAMPDEN.</b>	135,713	152,938	175,603	+39,890	+29.39	+22,665	+14.82
Agawam, . . .	2,352	2,408	2,536	+184	+7.82	+128	+5.32
Blandford, . . .	871	849	836	-35	-4.02	-13	-1.53
Brimfield, . . .	1,096	962	941	-155	-14.14	-21	-2.18
Chester, . . .	1,295	1,429	1,450	+155	+11.97	+21	+1.47
CHICOPEE, . . .	14,050	16,420	19,167	+5,117	+36.42	+2,747	+16.73
East Longmeadow,*	—	1,591	1,187	+1,187	—	-404	-25.39
Granville, . . .	1,061	1,005	1,050	-11	-1.04	+45	+4.48
Hampden, . . .	831	743	782	-49	-5.90	+39	+5.25
Holland, . . .	201	199	169	-32	-15.92	-30	-15.08
HOLYOKE, . . .	35,637	40,322	45,712	+10,075	+28.27	+5,390	+13.37
Longmeadow,*	2,183	620	811	-1,372	-62.85	+191	+30.81
Ludlow, . . .	1,939	2,562	3,536	+1,597	+82.36	+974	+38.02
Monson, . . .	3,650	3,746	3,402	-248	-6.79	-344	-9.18
Montgomery, . . .	266	275	273	+7	+2.63	-2	-0.73
Palmer, . . .	6,520	6,858	7,801	+1,281	+19.65	+943	+13.75
Russell, . . .	879	846	793	-86	-9.78	-53	-6.26
Southwick, . . .	914	961	1,040	+126	+13.79	+79	+8.22
SPRINGFIELD, . . .	44,179	51,522	62,059	+17,880	+40.47	+10,537	+20.45
Tolland, . . .	393	309	275	-118	-30.03	-34	-11.00

\* See Notes, page 8.

† No change.

TABLE II. *Comparative Population 1890, 1895, and 1900—Continued.*

COUNTIES, CITIES, AND TOWNS.	POPULATION			INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1890		INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1895	
	1890	1895	1900	Number	Percent- ages	Number	Percent- ages
HAMPDEN—Con.							
Wales, . . .	700	783	773	+73	+10.43	-10	-1.28
Westfield, . .	9,805	10,663	12,310	+2,505	+25.55	+1,647	+15.45
West Springfield, .	5,077	6,125	7,105	+2,028	+39.94	+980	+16.00
Wilbraham, . .	1,814	1,740	1,595	-219	-12.07	-145	-8.33
HAMPSHIRE.	51,859	54,710	58,820	+6,961	+13.42	+4,110	+7.51
Amherst, . . .	4,512	4,785	5,028	+516	+11.44	+243	+5.08
Belchertown, . .	2,120	2,161	2,292	+172	+8.11	+131	+6.06
Chesterfield, . .	608	589	611	+3	+0.49	+22	+3.74
Cummington, . .	787	750	748	-39	-4.96	-2	-0.27
Easthampton, . .	4,395	4,790	5,603	+1,208	+27.49	+813	+16.97
Enfield, . . .	952	990	1,036	+84	+8.82	+46	+4.65
Goshen, . . .	297	304	316	+19	+6.40	+12	+3.95
Granby, . . .	765	748	761	-4	-0.52	+13	+1.74
Greenwich, . . .	526	481	491	-35	-6.65	+10	+2.08
Hadley, . . .	1,669	1,704	1,789	+120	+7.19	+85	+4.99
Hatfield, . . .	1,246	1,262	1,500	+254	+20.39	+238	+18.86
Huntington, . .	1,385	1,450	1,475	+90	+6.50	+25	+1.72
Middlefield, . .	455	386	410	-45	-9.89	+24	+6.22
NORTHAMPTON, .	14,990	16,746	18,643	+3,653	+24.37	+1,897	+11.33
Pelham, . . .	486	486	462	-24	-4.94	-24	-4.94
Plainfield, . .	435	450	404	-31	-7.13	-46	-10.22
Prescott, . . .	376	401	380	+4	+1.06	-21	-5.24
Southampton, .	1,017	1,054	1,012	-5	-0.49	-42	-3.98
South Hadley, .	4,261	4,443	4,526	+265	+6.22	+83	+1.87
Ware, . . .	7,329	7,651	8,263	+934	+12.74	+612	+8.00
Westhampton, .	477	476	469	-8	-1.68	-7	-1.47
Williamsburg, .	2,057	1,955	1,926	-131	-6.37	-29	-1.48
Worthington, .	714	648	675	-39	-5.46	+27	+4.17
MIDDLESEX.	431,167	499,217	565,696	+134,529	+31.20	+66,479	+13.32
Acton, . . .	1,897	1,978	2,120	+223	+11.76	+142	+7.18
Arlington, . .	5,629	6,515	8,603	+2,974	+52.83	+2,088	+32.05
Ashby, . . .	825	804	876	+51	+6.18	+72	+8.96
Ashland, . . .	2,532	2,090	1,525	-1,007	-39.77	-565	-27.03
Ayer, . . .	2,148	2,101	2,446	+298	+13.87	+345	+16.42
Bedford, . . .	1,092	1,169	1,208	+116	+10.62	+39	+3.34
Belmont,* . . .	2,098	2,843	3,929	+1,831	+87.27	+1,086	+38.20
Billerica, . . .	2,380	2,577	2,775	+395	+16.60	+198	+7.68
Boxborough, . .	325	307	316	-9	-2.77	+9	+2.93
Burlington, . .	617	574	593	-24	-3.89	+19	+3.31

\* See Notes, page 8.



TABLE II. *Comparative Population 1890, 1895, and 1900—Continued.*

COUNTIES, CITIES, AND TOWNS.	POPULATION			INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1890		INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1895	
	1890	1895	1900	Number	Percent- ages	Number	Percent- ages
MIDDLESEX—Con.							
CAMBRIDGE,* . .	70,028	81,643	91,886	+21,858	+31.21	+10,243	+12.55
Carlisle, . .	481	492	480	—1	—0.21	—12	—2.44
Chelmsford, . .	2,695	3,162	3,984	+1,289	+47.83	+822	+26.00
Concord, . .	4,427	5,175	5,652	+1,225	+27.67	+477	+9.22
Dracut, . .	1,996	2,443	3,253	+1,257	+62.98	+810	+33.16
Dunstable, . .	416	400	427	+11	+2.64	+27	+6.75
EVERETT,* . .	11,068	18,573	24,336	+13,268	+119.88	+5,763	+31.03
Framingham, . .	9,239	9,512	11,302	+2,063	+22.33	+1,790	+18.82
Groton, . .	2,057	2,192	2,052	—5	—0.24	—140	—6.39
Holliston, . .	2,619	2,718	2,598	—21	—0.80	—120	—4.42
Hopkinton, . .	4,088	2,984	2,623	—1,465	—35.84	—361	—12.10
Hudson, . .	4,670	5,308	5,454	+784	+16.79	+146	+2.75
Lexington, . .	3,197	3,498	3,831	+634	+19.83	+333	+9.52
Lincoln, . .	987	1,111	1,127	+140	+14.18	+16	+1.44
Littleton, . .	1,025	1,136	1,179	+154	+15.02	+43	+3.79
LOWELL, . .	77,696	84,367	94,969	+17,273	+22.23	+10,602	+12.57
MALDEN, . .	23,031	29,708	33,664	+10,633	+46.17	+3,956	+13.32
MARLBOROUGH, . .	13,805	14,977	13,609	—196	—1.42	—1,368	—9.13
Maynard, . .	2,700	3,090	3,142	+442	+16.37	+52	+1.68
MEDFORD,* . .	11,079	14,474	18,244	+7,165	+64.67	+3,770	+26.05
MELROSE,* . .	8,519	11,965	12,962	+4,443	+52.15	+997	+8.33
Natick, . .	9,118	8,814	9,488	+370	+4.06	+674	+7.65
NEWTON, . .	24,379	27,590	33,587	+9,208	+37.77	+5,997	+21.74
North Reading, . .	874	835	1,035	+161	+18.42	+200	+23.95
Pepperell, . .	3,127	3,321	3,701	+574	+18.36	+380	+11.44
Reading, . .	4,088	4,717	4,969	+881	+21.55	+252	+5.34
Sherborn, . .	1,381	1,446	1,483	+102	+7.39	+37	+2.56
Shirley, . .	1,191	1,399	1,680	+489	+41.06	+281	+20.09
SOMERVILLE, . .	40,152	52,200	61,643	+21,491	+53.52	+9,443	+18.09
Stoneham,* . .	6,155	6,284	6,197	+42	+0.68	—87	—1.38
Stow, . .	903	920	1,002	+99	+10.96	+82	+8.91
Sudbury, . .	1,197	1,141	1,150	—47	—3.93	+9	+0.79
Tewksbury, . .	2,515	3,379	3,683	+1,168	+46.44	+304	+9.00
Townsend, . .	1,750	1,780	1,804	+54	+3.09	+24	+1.35
Tyngsborough, . .	662	635	773	+111	+16.77	+138	+21.73
Wakefield, . .	6,982	8,304	9,290	+2,308	+33.06	+986	+11.87
WALTHAM, . .	18,707	20,876	23,481	+4,774	+25.52	+2,605	+12.48
Watertown, . .	7,073	7,788	9,706	+2,633	+37.23	+1,918	+24.63
Wayland, . .	2,060	2,026	2,303	+243	+11.80	+277	+13.67
Westford, . .	2,250	2,418	2,624	+374	+16.62	+206	+8.52
Weston, . .	1,664	1,710	1,834	+170	+10.22	+124	+7.25

\* See Notes, page 8.

TABLE II. *Comparative Population 1890, 1895, and 1900 — Continued.*

COUNTIES, CITIES, AND TOWNS.	POPULATION			INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1890		INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1895	
	1890	1895	1900	Number	Percent- ages	Number	Percent- ages
MIDDLESEX—Con.							
Wilmington, . .	1,213	1,420	1,596	+383	+31.57	+176	+12.39
Winchester, . .	4,861	6,150	7,248	+2,387	+49.11	+1,098	+17.85
Woburn,* . .	13,499	14,178	14,254	+755	+5.59	+76	+0.54
NANTUCKET.	3,268	3,016	3,006	-262	-8.02	-10	-0.33
Nantucket, . .	3,268	3,016	3,006	-262	-8.02	-10	-0.33
NORFOLK.	118,950	134,819	151,539	+32,589	+27.40	+16,720	+12.40
Avon, . . .	1,384	1,626	1,741	+357	+25.79	+115	+7.07
Bellingham, . .	1,334	1,481	1,682	+348	+26.09	+201	+13.57
Braintree, . .	4,848	5,311	5,981	+1,133	+23.37	+670	+12.62
Brookline, . .	12,103	16,164	19,935	+7,832	+64.71	+3,771	+23.33
Canton, . . .	4,538	4,636	4,584	+46	+1.01	-52	-1.12
Cohasset, . . .	2,448	2,474	2,759	+311	+12.70	+285	+11.52
Dedham,* . . .	7,123	7,211	7,457	+334	+4.69	+246	+3.41
Dover, . . .	727	668	656	-71	-9.77	-12	-1.80
Foxborough, . .	2,933	3,219	3,266	+333	+11.35	+47	+1.46
Franklin, . . .	4,831	5,136	5,017	+186	+3.85	-119	-2.32
Holbrook, . . .	2,474	2,298	2,229	-245	-9.90	-69	-3.00
Hyde Park, . .	10,193	11,826	13,244	+3,051	+29.93	+1,418	+11.99
Medfield, . . .	1,493	1,872	2,926	+1,433	+95.98	+1,054	+56.30
Medway, . . .	2,985	2,913	2,761	-224	-7.50	-152	-5.22
Millis, . . .	786	1,006	1,053	+267	+33.97	+47	+4.67
Milton, . . .	4,278	5,518	6,578	+2,300	+53.76	+1,060	+19.21
Needham, . . .	3,035	3,511	4,016	+981	+32.32	+505	+14.38
Norfolk, . . .	913	882	980	+67	+7.34	+98	+11.11
Norwood, . . .	3,733	4,574	5,480	+1,747	+46.80	+906	+19.81
QUINCY, . . .	16,723	20,712	23,899	+7,176	+42.91	+3,187	+15.39
Randolph, . . .	3,946	3,694	3,993	+47	+1.19	+299	+8.09
Sharon, . . .	1,634	1,717	2,060	+426	+26.07	+343	+19.98
Stoughton, . .	4,852	5,272	5,442	+590	+12.16	+170	+3.22
Walpole, . . .	2,604	2,994	3,572	+968	+37.17	+578	+19.31
Wellesley, . .	3,600	4,229	5,072	+1,472	+40.89	+843	+19.93
Westwood,* . .	—	—	1,112	+1,112	—	+1,112	—
Weymouth, . .	10,866	11,291	11,324	+458	+4.21	+33	+0.29
Wrentham, . .	2,566	2,584	2,720	+154	+6.00	+136	+5.26
PLYMOUTH.	92,700	101,498	113,985	+21,285	+22.96	+12,487	+12.30
Abington, . . .	4,260	4,207	4,489	+229	+5.38	+282	+6.70
Bridgewater, . .	4,249	4,686	5,806	+1,557	+36.64	+1,120	+23.90

\* See Notes, page 8.

TABLE II. *Comparative Population 1890, 1895, and 1900—Continued.*

COUNTIES, CITIES, AND TOWNS.	POPULATION			INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1890		INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1895	
	1890	1895	1900	Number	Percent- ages	Number	Percent- ages
PLYMOUTH - Con.							
BROCKTON,* . . .	27,294	33,165	40,063	+12,769	+46.78	+6,898	+20.80
Carver, . . .	994	1,016	1,104	+110	+11.07	+88	+8.66
Duxbury, . . .	1,908	1,966	2,075	+167	+8.75	+109	+5.54
East Bridgewater, .	2,911	2,894	3,025	+114	+3.92	+131	+4.53
Halifax, . . .	562	497	522	-40	-7.12	+25	+5.03
Hanover, . . .	2,093	2,051	2,152	+59	+2.82	+101	+4.92
Hanson, . . .	1,267	1,380	1,455	+188	+14.84	+75	+5.43
Hingham, . . .	4,564	4,819	5,059	+495	+10.85	+240	+4.98
Hull, . . .	989	1,044	1,703	+714	+72.19	+659	+63.12
Kingston, . . .	1,659	1,746	1,955	+296	+17.84	+209	+11.97
Lakeville, . . .	935	870	958	+23	+2.46	+88	+10.11
Marion, . . .	871	759	902	+31	+3.56	+143	+18.84
Marshfield, . . .	1,713	1,760	1,810	+97	+5.66	+50	+2.84
Mattapoisett, . . .	1,148	1,032	1,061	-87	-7.58	+29	+2.81
Middleborough, . .	6,065	6,689	6,885	+820	+13.52	+196	+2.93
Norwell, . . .	1,635	1,540	1,560	-75	-4.59	+20	+1.30
Pembroke, . . .	1,320	1,223	1,240	-80	-6.06	+17	+1.39
Plymouth, . . .	7,314	7,957	9,592	+2,278	+31.15	+1,635	+20.55
Plympton, . . .	597	549	488	-109	-18.26	-61	-11.11
Rochester, . . .	1,012	1,021	986	-26	-2.57	-35	-3.43
Rockland, . . .	5,213	5,523	5,327	+114	+2.19	-196	-3.55
Scituate, . . .	2,318	2,246	2,470	+152	+6.56	+224	+9.97
Wareham, . . .	3,451	3,367	3,432	-19	-0.55	+65	+1.93
West Bridgewater,*	1,917	1,747	1,711	-206	-10.75	-36	-2.06
Whitman, . . .	4,441	5,744	6,155	+1,714	+38.59	+411	+7.16
SUFFOLK.							
BOSTON, . . .	448,477	496,920	560,892	+112,415	+25.07	+63,972	+12.87
CHELSEA, . . .	27,909	31,264	34,072	+6,163	+22.08	+2,808	+8.98
Revere, . . .	5,668	7,423	10,395	+4,727	+83.40	+2,972	+40.04
Winthrop, . . .	2,726	4,192	6,058	+3,332	+122.23	+1,866	+44.51
WORCESTER.							
Ashburnham, . . .	2,074	2,148	1,882	-192	-9.26	-266	-12.38
Athol, . . .	6,319	7,364	7,061	+742	+11.74	-303	-4.11
Auburn, . . .	1,532	1,598	1,621	+89	+5.81	+23	+1.44
Barre, . . .	2,239	2,278	2,059	-180	-8.04	-219	-9.61
Berlin, . . .	884	897	1,003	+119	+13.46	+106	+11.82
Blackstone, . . .	6,138	6,039	5,721	-417	-6.79	-318	-5.27
Bolton, . . .	827	797	770	-57	-6.89	-27	-3.39

\* See Notes, page 8.

TABLE II. *Comparative Population 1890, 1895, and 1900* — Continued.

COUNTIES, CITIES, AND TOWNS.	POPULATION			INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1890		INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1895	
	1890	1895	1900	Number	Percent- ages	Number	Percent- ages
WORCESTER — Con.							
Boylston, . .	770	729	1,364	+594	+77.14	+635	+87.11
Brookfield, . .	3,352	3,279	3,062	-290	-8.65	-217	-6.62
Charlton, . .	1,847	1,877	1,860	+13	+0.70	-17	-0.91
Clinton, . .	10,424	11,497	13,667	+3,243	+31.11	+2,170	+18.87
Dana, . .	700	717	790	+90	+12.86	+73	+10.18
Douglas, . .	1,908	2,026	2,113	+205	+10.74	+87	+4.29
Dudley, . .	2,944	3,203	3,553	+609	+20.69	+350	+10.93
FITCHBURG, . .	22,037	26,409	31,531	+9,494	+43.08	+5,122	+19.39
Gardner, . .	8,424	9,182	10,813	+2,389	+28.36	+1,631	+17.76
Grafton, . .	5,002	5,101	4,869	-133	-2.66	-232	-4.55
Hardwick, . .	2,922	2,655	3,203	+281	+9.62	+548	+20.64
Harvard, . .	1,095	1,162	1,139	+44	+4.02	-23	-1.98
Holden, . .	2,623	2,602	2,464	-159	-6.06	-138	-5.30
Hopedale, . .	1,176	1,377	2,087	+911	+77.47	+710	+51.56
Hubbardston, . .	1,346	1,274	1,227	-119	-8.84	-47	-3.69
Lancaster, . .	2,201	2,180	2,478	+277	+12.59	+298	+13.67
Leicester, . .	3,120	3,239	3,416	+296	+9.49	+177	+5.46
Leominster, . .	7,269	9,211	12,392	+5,123	+70.48	+3,181	+34.53
Lunenburg, . .	1,146	1,237	1,332	+186	+16.23	+95	+7.68
Mendon, . .	919	889	911	-8	-0.87	+22	+2.47
Milford, . .	8,780	8,959	11,376	+2,596	+29.57	+2,417	+26.98
Millbury, . .	4,428	5,222	4,460	+32	+0.72	-762	-14.59
New Braintree, . .	573	542	500	-73	-12.74	-42	-7.75
Northborough, . .	1,952	1,940	2,164	+212	+10.86	+224	+11.55
Northbridge, . .	4,603	5,286	7,036	+2,433	+52.86	+1,750	+33.11
North Brookfield, . .	3,871	4,635	4,587	+716	+18.50	-48	-1.04
Oakham, . .	738	605	588	-150	-20.33	-17	-2.81
Oxford, . .	2,616	2,390	2,677	+61	+2.33	+287	+12.01
Paxton, . .	445	426	459	+14	+3.15	+33	+7.75
Petersham, . .	1,050	952	853	-197	-18.76	-99	-10.40
Phillipston,* . .	502	460	441	-61	-12.15	-19	-4.13
Princeton, . .	982	952	975	-7	-0.71	+23	+2.42
Royalston, . .	1,030	890	958	-72	-6.99	+68	+7.64
Rutland, . .	980	978	1,334	+354	+36.12	+356	+36.40
Shrewsbury, . .	1,449	1,524	1,626	+177	+12.22	+102	+6.69
Southborough, . .	2,114	2,223	1,921	-193	-9.13	-302	-13.59
Southbridge, . .	7,655	8,250	10,025	+2,370	+30.96	+1,775	+21.52
Spencer, . .	8,747	7,614	7,627	-1,120	-12.80	+13	+0.17
Sterling, . .	1,244	1,218	1,420	+176	+14.15	+202	+16.58
Sturbridge, . .	2,074	1,910	2,058	-16	-0.77	+148	+7.75

\* See Notes, page 8.



TABLE II. *Comparative Population 1890, 1895, and 1900* — Concluded.

COUNTIES, CITIES, AND TOWNS.	POPULATION			INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1890		INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1895	
	1890	1895	1900	Number	Percent- ages	Number	Percent- ages
WORCESTER — Con.							
Sutton, . . .	3,180	3,420	3,328	+148	+4.65	-92	-2.69
Templeton,* . .	2,999	2,915	3,489	+490	+16.34	+574	+19.69
Upton, . . .	1,878	2,150	1,937	+59	+3.14	-213	-9.91
Uxbridge, . . .	3,408	3,546	3,599	+191	+5.60	+53	+1.49
Warren, . . .	4,681	4,430	4,417	-264	-5.64	-13	-0.29
Webster, . . .	7,031	7,799	8,804	+1,773	+25.22	+1,005	+12.89
Westborough, . .	5,195	5,235	5,400	+205	+3.95	+165	+3.15
West Boylston, . .	3,019	2,968	2,314	-705	-23.35	-654	-22.04
West Brookfield, .	1,592	1,467	1,448	-144	-9.05	-19	-1.30
Westminster, . .	1,688	1,315	1,327	-361	-21.39	+12	+0.91
Winchendon, . . .	4,390	4,490	5,001	+611	+13.92	+511	+11.38
WORCESTER, . . .	84,655	98,767	118,421	+33,766	+39.89	+19,654	+19.90

## RECAPITULATION.

THE STATE, AND COUNTIES.	POPULATION			INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1890		INCREASE (+), OR DE- CREASE (-), IN 1900 AS COMPARED WITH 1895	
	1890	1895	1900	Number	Percent- ages	Number	Percent- ages
THE STATE.	2,238,943	2,500,183	2,805,346	+566,403	+25.30	+305,163	+12.21
Barnstable, . . .	29,172	27,654	27,826	-1,346	-4.61	+172	+0.62
Berkshire, . . .	81,108	86,292	95,667	+14,559	+17.95	+9,375	+10.86
Bristol, . . .	186,465	219,019	252,029	+65,564	+35.16	+33,010	+15.07
Dukes, . . .	4,369	4,238	4,561	+192	+4.39	+323	+7.62
Essex, . . .	299,995	330,393	357,030	+57,035	+19.01	+26,637	+8.06
Franklin, . . .	38,610	40,145	41,209	+2,599	+6.73	+1,064	+2.65
Hampden, . . .	135,713	152,938	175,603	+39,890	+29.39	+22,665	+14.82
Hampshire, . . .	51,859	54,710	58,820	+6,961	+13.42	+4,110	+7.51
Middlesex, . . .	431,167	499,217	565,696	+134,529	+31.20	+66,479	+13.32
Nantucket, . . .	3,268	3,016	3,006	-262	-8.02	-10	-0.33
Norfolk, . . .	118,950	134,819	151,539	+32,589	+27.40	+16,720	+12.40
Plymouth, . . .	92,700	101,498	113,985	+21,285	+22.96	+12,487	+12.30
Suffolk, . . .	484,780	539,799	611,417	+126,637	+26.12	+71,618	+13.27
Worcester, . . .	280,787	306,445	346,958	+66,171	+23.57	+40,513	+13.22

\* See Notes, page 8.

TABLE III. *Population of Congressional Districts in Detail.*

[As established by Chap. 396 of the Acts of 1891 and Chap. 519 of the Acts of 1896.]

## DISTRICT NO. 1.

COUNTIES, CITIES, AND TOWNS.	POPULATION		INCREASE (+), OR DECREASE (-), IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
BERKSHIRE.				
Adams, . . . . .	9,213	11,134	+1,921	+20.85
Alford, . . . . .	297	272	-25	-8.42
Becket, . . . . .	946	994	+48	+5.07
Cheshire, . . . . .	1,308	1,221	-87	-6.65
Clarksburg, . . . . .	884	943	+59	+6.67
Dalton, . . . . .	2,885	3,014	+129	+4.47
Egremont, . . . . .	845	758	-87	-10.30
Florida, . . . . .	436	390	-46	-10.55
Great Barrington, . . . . .	4,612	5,854	+1,242	+26.93
Hancock, . . . . .	506	451	-55	-10.87
Hinsdale, . . . . .	1,739	1,485	-254	-14.61
Lanesborough, . . . . .	1,018	780	-238	-23.38
Lee, . . . . .	3,785	3,596	-189	-4.99
Lenox, . . . . .	2,889	2,942	+53	+1.83
Monterey, . . . . .	495	455	-40	-8.08
Mount Washington, . . . . .	148	122	-26	-17.57
New Ashford, . . . . .	125	107	-18	-14.40
New Marlborough, . . . . .	1,305	1,282	-23	-1.76
NORTH ADAMS,* . . . . .	16,074	24,200	+8,126	+50.55
Otis, . . . . .	583	476	-107	-18.35
Peru, . . . . .	305	253	-52	-17.05
PITTSFIELD, . . . . .	17,281	21,766	+4,485	+25.95
Richmond, . . . . .	796	679	-117	-14.70
Sandisfield, . . . . .	807	661	-146	-18.09
Savoy, . . . . .	569	506	-63	-11.07
Sheffield, . . . . .	1,954	1,804	-150	-7.68
Stockbridge, . . . . .	2,132	2,081	-51	-2.39
Tyringham, . . . . .	412	386	-26	-6.31
Washington, . . . . .	434	377	-57	-13.13
West Stockbridge, . . . . .	1,492	1,158	-334	-22.39
Williamstown,* . . . . .	4,221	5,013	+792	+18.76
Windsor, . . . . .	612	507	-105	-17.16
FRANKLIN.				
Ashfield, . . . . .	1,025	955	-70	-6.83
Bernardston, . . . . .	770	792	+22	+2.86

\* See Notes, page 8.



TABLE III. *Population of Congressional Districts in Detail — Continued.*

## DISTRICT No. 1 — Concluded.

COUNTIES, CITIES, AND TOWNS.	POPULATION		INCREASE (+), OR DECREASE (—), IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
FRANKLIN — Con.				
Buckland, . . . . .	1,570	1,446	—124	—7.90
Charlemont, . . . . .	972	1,094	+122	+12.55
Colrain, . . . . .	1,671	1,749	+78	+4.67
Conway, . . . . .	1,451	1,458	+7	+0.48
Deerfield,* . . . . .	2,910	1,969	—941	—32.34
Gill, . . . . .	960	1,015	+55	+5.73
Greenfield,* . . . . .	5,252	7,927	+2,675	+50.93
Hawley, . . . . .	515	429	—86	—16.70
Heath, . . . . .	503	441	—62	—12.33
Leyden, . . . . .	407	379	—28	—6.88
Monroe, . . . . .	282	305	+23	+8.16
Rowe, . . . . .	541	549	+8	+1.48
Shelburne, . . . . .	1,553	1,508	—45	—2.90
Whately, . . . . .	779	769	—10	—1.28
HAMPDEN.				
Agawam, . . . . .	2,352	2,536	+184	+7.82
Blandford, . . . . .	871	836	—35	—4.02
Chester, . . . . .	1,295	1,450	+155	+11.97
Granville, . . . . .	1,061	1,050	—11	—1.04
HOLYOKE, . . . . .	35,637	45,712	+10,075	+28.27
Montgomery, . . . . .	266	273	+7	+2.63
Russell, . . . . .	879	793	—86	—9.78
Southwick, . . . . .	914	1,040	+126	+13.79
Tolland, . . . . .	393	275	—118	—30.03
Westfield, . . . . .	9,805	12,310	+2,505	+25.55
West Springfield, . . . . .	5,077	7,105	+2,028	+39.94
HAMPSHIRE.				
Chesterfield, . . . . .	608	611	+3	+0.49
Cummington, . . . . .	787	748	—39	—4.96
Goshen, . . . . .	297	316	+19	+6.40
Hatfield, . . . . .	1,246	1,500	+254	+20.39
Huntington, . . . . .	1,385	1,475	+90	+6.50
Middlefield, . . . . .	455	410	—45	—9.89
Plainfield, . . . . .	435	404	—31	—7.13
Southampton, . . . . .	1,017	1,012	—5	—0.49
Westhampton, . . . . .	477	469	—8	—1.68
Williamsburg, . . . . .	2,057	1,926	—131	—6.37
Worthington, . . . . .	714	675	—39	—5.46
TOTALS, . . . . .	170,297	201,378	+31,081	+18.25

\* See Notes, page 8.

TABLE III. *Population of Congressional Districts in Detail — Continued.*

## DISTRICT NO. 2.

COUNTIES, CITIES, AND TOWNS.	POPULATION		INCREASE (+), OR DECREASE (-), IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
FRANKLIN.				
Erving, . . . . .	972	973	+1	+0.10
Leverett, . . . . .	702	744	+42	+5.98
Montague, . . . . .	6,296	6,150	-146	-2.32
New Salem, . . . . .	856	807	-49	-5.72
Northfield, . . . . .	1,869	1,966	+97	+5.19
Orange, . . . . .	4,568	5,520	+952	+20.84
Shutesbury, . . . . .	453	382	-71	-15.67
Sunderland, . . . . .	663	771	+108	+16.29
Warwick, . . . . .	565	619	+54	+9.56
Wendell, . . . . .	505	492	-13	-2.57
HAMPDEN.				
Brimfield, . . . . .	1,096	941	-155	-14.14
CHICOPEE, . . . . .	14,050	19,167	+5,117	+36.42
East Longmeadow,* . . . . .	—	1,187	+1,187	—
Hampden, . . . . .	831	782	-49	-5.90
Holland, . . . . .	201	169	-32	-15.92
Longmeadow,* . . . . .	2,183	811	-1,372	-62.85
Ludlow, . . . . .	1,939	3,536	+1,597	+82.36
Monson, . . . . .	3,650	3,402	-248	-6.79
Palmer, . . . . .	6,520	7,801	+1,281	+19.65
SPRINGFIELD, . . . . .	44,179	62,059	+17,880	+40.47
Wales, . . . . .	700	773	+73	+10.43
Wilbraham, . . . . .	1,814	1,595	-219	-12.07
HAMPSHIRE.				
Amherst, . . . . .	4,512	5,028	+516	+11.44
Belchertown, . . . . .	2,120	2,292	+172	+8.11
Easthampton, . . . . .	4,395	5,603	+1,208	+27.49
Enfield, . . . . .	952	1,036	+84	+8.82
Granby, . . . . .	765	761	-4	-0.52
Greenwich, . . . . .	526	491	-35	-6.65
Hadley, . . . . .	1,669	1,789	+120	+7.19
NORTHAMPTON, . . . . .	14,990	18,643	+3,653	+24.37
Pelham, . . . . .	486	462	-24	-4.94
Prescott, . . . . .	376	380	+4	+1.06
South Hadley, . . . . .	4,261	4,526	+265	+6.22
Ware, . . . . .	7,329	8,263	+934	+12.74
WORCESTER.				
Athol, . . . . .	6,319	7,061	+742	+11.74
Barre, . . . . .	2,239	2,059	-180	-8.04

\* See Notes, page 8.

TABLE III. *Population of Congressional Districts in Detail* — Continued.

## DISTRICT NO. 2 — Concluded.

COUNTIES, CITIES, AND TOWNS.	POPULATION		INCREASE (+), OR DECREASE (-), IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
WORCESTER — Con.				
Brookfield, . . . . .	3,352	3,062	-290	-8.65
Dana, . . . . .	700	790	+90	+12.86
Hardwick, . . . . .	2,922	3,203	+281	+9.62
New Braintree, . . . . .	573	500	-73	-12.74
North Brookfield, . . . . .	3,871	4,587	+716	+18.50
Oakham, . . . . .	738	588	-150	-20.33
Petersham, . . . . .	1,050	853	-197	-18.76
Phillipston,* . . . . .	502	441	-61	-12.15
Royalston, . . . . .	1,030	958	-72	-6.99
Templeton,* . . . . .	2,999	3,489	+490	+16.34
Warren, . . . . .	4,681	4,417	-264	-5.64
West Brookfield, . . . . .	1,592	1,448	-144	-9.05
Winchendon, . . . . .	4,390	5,001	+611	+13.92
TOTALS, . . . . .	173,951	208,378	+34,427	+19.79

## DISTRICT NO. 3.

MIDDLESEX.				
Hopkinton, . . . . .	4,088	2,623	-1,465	-35.84
WORCESTER.				
Auburn, . . . . .	1,532	1,621	+89	+5.81
Blackstone, . . . . .	6,138	5,721	-417	-6.79
Charlton, . . . . .	1,847	1,860	+13	+0.70
Douglas, . . . . .	1,908	2,113	+205	+10.74
Dudley, . . . . .	2,944	3,553	+609	+20.69
Grafton, . . . . .	5,002	4,869	-133	-2.66
Holden, . . . . .	2,623	2,464	-159	-6.06
Leicester, . . . . .	3,120	3,416	+296	+9.49
Mendon, . . . . .	919	911	-8	-0.87
Millbury, . . . . .	4,428	4,460	+32	+0.72
Northbridge, . . . . .	4,603	7,036	+2,433	+52.86
Oxford, . . . . .	2,616	2,677	+61	+2.33
Paxton, . . . . .	445	459	+14	+3.15
Rutland, . . . . .	980	1,334	+354	+36.12
Shrewsbury, . . . . .	1,449	1,626	+177	+12.22
Southbridge, . . . . .	7,655	10,025	+2,370	+30.96
Spencer, . . . . .	8,747	7,627	-1,120	-12.80
Sturbridge, . . . . .	2,074	2,058	-16	-0.77
Sutton, . . . . .	3,180	3,328	+148	+4.65

\* See Notes, page 8.

TABLE III. *Population of Congressional Districts in Detail — Continued.*

## DISTRICT NO. 3 — Concluded.

COUNTIES, CITIES, AND TOWNS.	POPULATION		INCREASE (+), OR DECREASE (—), IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
WORCESTER — Con.				
Upton, . . . . .	1,878	1,937	+59	+3.14
Uxbridge, . . . . .	3,408	3,599	+191	+5.60
Webster, . . . . .	7,031	8,804	+1,773	+25.22
Westborough, . . . . .	5,195	5,400	+205	+3.95
West Boylston, . . . . .	3,019	2,314	—705	—23.35
WORCESTER, . . . . .	84,655	118,421	+33,766	+39.89
TOTALS, . . . . .	171,484	210,256	+38,772	+22.61

## DISTRICT NO. 4.

MIDDLESEX.				
Acton, . . . . .	1,897	2,120	+223	+11.76
Ashby, . . . . .	825	876	+51	+6.18
Ashland, . . . . .	2,532	1,525	—1,007	—39.77
Ayer, . . . . .	2,148	2,446	+298	+13.87
Bedford, . . . . .	1,092	1,208	+116	+10.62
Billerica, . . . . .	2,380	2,775	+395	+16.60
Boxborough, . . . . .	325	316	—9	—2.77
Burlington, . . . . .	617	593	—24	—3.89
Carlisle, . . . . .	481	480	—1	—0.21
Chelmsford, . . . . .	2,695	3,984	+1,289	+47.83
Concord, . . . . .	4,427	5,652	+1,225	+27.67
Dunstable, . . . . .	416	427	+11	+2.64
Framingham, . . . . .	9,239	11,302	+2,063	+22.33
Groton, . . . . .	2,057	2,052	—5	—0.24
Hudson, . . . . .	4,670	5,454	+784	+16.79
Lexington, . . . . .	3,197	3,831	+634	+19.83
Lincoln, . . . . .	987	1,127	+140	+14.18
Littleton, . . . . .	1,025	1,179	+154	+15.02
MARLBOROUGH, . . . . .	13,805	13,609	—196	—1.42
Maynard, . . . . .	2,700	3,142	+442	+16.37
Natick, . . . . .	9,118	9,488	+370	+4.06
Pepperell, . . . . .	3,127	3,701	+574	+18.36
Shirley, . . . . .	1,191	1,680	+489	+41.06
Stow, . . . . .	903	1,002	+99	+10.96
Sudbury, . . . . .	1,197	1,150	—47	—3.93
Townsend, . . . . .	1,750	1,804	+54	+3.09
Tyngsborough, . . . . .	662	773	+111	+16.77
WALTHAM, . . . . .	18,707	23,481	+4,774	+25.52

TABLE III. *Population of Congressional Districts in Detail — Continued.*

## DISTRICT No. 4 — Concluded.

COUNTIES, CITIES, AND TOWNS.	POPULATION		INCREASE (+), OR DECREASE (—), IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
MIDDLESEX — Con.				
Wayland, . . . . .	2,060	2,303	+243	+11.80
Westford, . . . . .	2,250	2,624	+374	+16.62
Weston, . . . . .	1,664	1,834	+170	+10.22
NORFOLK.				
Wellesley, . . . . .	3,600	5,072	+1,472	+40.89
WORCESTER.				
Ashburnham, . . . . .	2,074	1,882	—192	—9.26
Berlin, . . . . .	884	1,003	+119	+13.46
Bolton, . . . . .	827	770	—57	—6.89
Boylston, . . . . .	770	1,364	+594	+77.14
Clinton, . . . . .	10,424	13,667	+3,243	+31.11
FITCHBURG, . . . . .	22,037	31,531	+9,494	+43.08
Gardner, . . . . .	8,424	10,813	+2,389	+28.36
Harvard, . . . . .	1,095	1,139	+44	+4.02
Hubbardston, . . . . .	1,346	1,227	—119	—8.84
Lancaster, . . . . .	2,201	2,478	+277	+12.59
Leominster, . . . . .	7,269	12,392	+5,123	+70.48
Lunenburg, . . . . .	1,146	1,332	+186	+16.23
Northborough, . . . . .	1,952	2,164	+212	+10.86
Princeton, . . . . .	982	975	—7	—0.71
Southborough, . . . . .	2,114	1,921	—193	—9.13
Sterling, . . . . .	1,244	1,420	+176	+14.15
Westminster, . . . . .	1,688	1,327	—361	—21.39
TOTALS, . . . . .	170,221	206,415	+36,194	+21.26

## DISTRICT No. 5.

ESSEX.				
Andover, . . . . .	6,142	6,813	+671	+10.92
LAWRENCE, . . . . .	44,654	62,559	+17,905	+40.10
Lynnfield, . . . . .	787	888	+101	+12.83
Methuen, . . . . .	4,814	7,512	+2,698	+56.04
North Andover, . . . . .	3,742	4,243	+501	+13.39
Peabody, . . . . .	10,158	11,523	+1,365	+13.44
MIDDLESEX.				
Dracut, . . . . .	1,996	3,253	+1,257	+62.98
LOWELL, . . . . .	77,696	94,969	+17,273	+22.23

TABLE III. *Population of Congressional Districts in Detail — Continued.*

## DISTRICT No. 5 — Concluded.

COUNTIES, CITIES, AND TOWNS.	POPULATION		INCREASE (+), OR DECREASE (—), IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
MIDDLESEX — Con.				
North Reading, . . . .	874	1,035	+161	+18.42
Reading, . . . . .	4,088	4,969	+881	+21.55
Tewksbury, . . . . .	2,515	3,683	+1,168	+46.44
Wilmington, . . . . .	1,213	1,596	+383	+31.57
WOBURN,* . . . . .	13,499	14,254	+755	+5.59
TOTALS, . . . . .	172,178	217,297	+45,119	+26.20

## DISTRICT No. 6.

ESSEX.				
Amesbury, . . . . .	9,798	9,473	—325	—3.32
BEVERLY,* . . . . .	10,821	13,884	+3,063	+28.31
Boxford, . . . . .	865	704	—161	—18.61
Bradford,* . . . . .	3,720	—	—3,720	—
Danvers, . . . . .	7,454	8,542	+1,088	+14.60
Essex, . . . . .	1,713	1,663	—50	—2.92
Georgetown, . . . . .	2,117	1,900	—217	—10.25
GLOUCESTER, . . . . .	24,651	26,121	+1,470	+5.96
Groveland, . . . . .	2,191	2,376	+185	+8.44
Hamilton, . . . . .	961	1,614	+653	+67.95
HAVERHILL,* . . . . .	27,412	37,175	+9,763	+35.62
Ipswich, . . . . .	4,439	4,658	+219	+4.93
Manchester, . . . . .	1,789	2,522	+733	+40.97
Marblehead, . . . . .	8,202	7,582	—620	—7.56
Merrimac, . . . . .	2,633	2,131	—502	—19.07
Middleton, . . . . .	924	839	—85	—9.20
Newbury, . . . . .	1,427	1,601	+174	+12.19
NEWBURYPORT, . . . . .	13,947	14,478	+531	+3.81
Rockport, . . . . .	4,087	4,592	+505	+12.36
Rowley, . . . . .	1,248	1,391	+143	+11.46
SALEM, . . . . .	30,801	35,956	+5,155	+16.74
Salisbury, . . . . .	1,316	1,558	+242	+18.39
Swampscott, . . . . .	3,198	4,548	+1,350	+42.21
Topsfield, . . . . .	1,022	1,030	+8	+0.78
Wenham, . . . . .	886	847	—39	—4.40
West Newbury, . . . . .	1,796	1,558	—238	—13.25
TOTALS, . . . . .	169,418	188,743	+19,325	+11.41

\* See Notes, page 8.



TABLE III. *Population of Congressional Districts in Detail*—Continued.

## DISTRICT NO. 7.

COUNTIES, CITIES, AND TOWNS.	POPULATION		INCREASE (+), OR DECREASE (—), IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
ESSEX.				
LYNN, . . . . .	55,727	68,513	+12,786	+22.94
Nahant, . . . . .	880	1,152	+272	+30.91
Saugus, . . . . .	3,673	5,084	+1,411	+38.42
MIDDLESEX.				
EVERETT,* . . . . .	11,068	24,336	+13,268	+119.88
MALDEN, . . . . .	23,031	33,664	+10,633	+46.17
MELROSE,* . . . . .	8,519	12,962	+4,443	+52.15
Stoneham,* . . . . .	6,155	6,197	+42	+0.68
Wakefield, . . . . .	6,982	9,290	+2,308	+33.06
SUFFOLK.				
BOSTON:				
Ward 4, . . . . .	12,842	13,248	+406	+3.16
Ward 5, . . . . .	12,412	12,840	+428	+3.45
CHELSEA, . . . . .	27,909	34,072	+6,163	+22.08
Revere, . . . . .	5,668	10,395	+4,727	+83.40
TOTALS, . . . . .	174,866	231,753	+56,887	+32.53

## DISTRICT NO. 8.

MIDDLESEX.				
Arlington, . . . . .	5,629	8,603	+2,974	+52.83
CAMBRIDGE,* . . . . .	70,028	91,886	+21,858	+31.21
MEDFORD,* . . . . .	11,079	18,244	+7,165	+64.67
SOMERVILLE, . . . . .	40,152	61,643	+21,491	+53.52
Winchester, . . . . .	4,861	7,248	+2,387	+49.11
SUFFOLK.				
BOSTON:†				
Ward 10, . . . . .	—	22,142	—	—
Ward 11, . . . . .	—	19,275	—	—
TOTALS, . . . . .	—	229,041	—	—

## DISTRICT NO. 9.

SUFFOLK.				
BOSTON:†				
Ward 1, . . . . .	—	22,832	—	—
Ward 2, . . . . .	—	22,924	—	—
Ward 3, . . . . .	—	14,564	—	—

\* See Notes, page 8.

† No comparison by wards or for total population. Ward lines changed in 1895.

TABLE III. *Population of Congressional Districts in Detail — Continued.*

## DISTRICT No. 9 — Concluded.

COUNTIES, CITIES, AND TOWNS.	POPULATION		INCREASE (+), OR DECREASE (—), IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
SUFFOLK — Con.				
Boston† — Con.				
Ward 6, . . . . .	—	30,546	—	—
Ward 7, . . . . .	—	14,782	—	—
Ward 8, . . . . .	—	28,817	—	—
Ward 9, . . . . .	—	24,583	—	—
Ward 13, . . . . .	—	22,835	—	—
Winthrop, . . . . .	2,726	6,058	+3,332	+122.23
TOTALS, . . . . .	—	187,941	—	—

## DISTRICT No. 10.

NORFOLK.				
Milton, . . . . .	4,278	6,578	+2,300	+53.76
QUINCY, . . . . .	16,723	23,899	+7,176	+42.91
SUFFOLK.				
Boston:†				
Ward 12, . . . . .	—	23,641	—	—
Ward 14, . . . . .	—	21,453	—	—
Ward 15, . . . . .	—	19,700	—	—
Ward 16, . . . . .	—	20,017	—	—
Ward 17, . . . . .	—	25,038	—	—
Ward 18, . . . . .	—	22,401	—	—
Ward 19, . . . . .	—	27,178	—	—
Ward 20, . . . . .	—	32,556	—	—
Ward 24, . . . . .	—	27,126	—	—
TOTALS, . . . . .	—	249,587	—	—

## DISTRICT No. 11.

BRISTOL.				
North Attleborough, . . . .	6,727	7,253	+526	+7.82
MIDDLESEX.				
Belmont,* . . . . .	2,098	3,929	+1,831	+87.27
Holliston, . . . . .	2,619	2,598	—21	—0.80
NEWTON, . . . . .	24,379	33,587	+9,208	+37.77
Sherborn, . . . . .	1,381	1,483	+102	+7.39
Watertown, . . . . .	7,073	9,706	+2,633	+37.23

\* See Notes, page 8.

† No comparison by wards or for total population. Ward lines changed in 1895.

TABLE III. *Population of Congressional Districts in Detail* — Continued.

## DISTRICT No. 11 — Concluded.

COUNTIES, CITIES, AND TOWNS.	POPULATION		INCREASE (+), OR DECREASE (—), IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
<b>NORFOLK.</b>				
Bellingham, . . . . .	1,334	1,682	+348	+26.09
Brookline, . . . . .	12,103	19,935	+7,832	+64.71
Dedham,* . . . . .	7,123	7,457	+334	+4.69
Dover, . . . . .	727	656	—71	—9.77
Foxborough, . . . . .	2,933	3,266	+333	+11.35
Franklin, . . . . .	4,831	5,017	+186	+3.85
Hyde Park, . . . . .	10,193	13,244	+3,051	+29.93
Medfield, . . . . .	1,493	2,926	+1,433	+95.98
Medway, . . . . .	2,985	2,761	—224	—7.50
Millis, . . . . .	786	1,053	+267	+33.97
Needham, . . . . .	3,035	4,016	+981	+32.32
Norfolk, . . . . .	913	980	+67	+7.34
Norwood, . . . . .	3,733	5,480	+1,747	+46.80
Sharon, . . . . .	1,634	2,060	+426	+26.07
Walpole, . . . . .	2,604	3,572	+968	+37.17
Westwood, . . . . .	—	1,112	+1,112	—
Wrentham, . . . . .	2,566	2,720	+154	+6.00
<b>SUFFOLK.</b>				
BOSTON: †				
Ward 21, . . . . .	—	23,868	—	—
Ward 22, . . . . .	—	25,610	—	—
Ward 23, . . . . .	—	23,637	—	—
Ward 25, . . . . .	—	19,279	—	—
<b>WORCESTER.</b>				
Hopedale, . . . . .	1,176	2,087	+911	+77.47
Milford, . . . . .	8,780	11,376	+2,596	+29.57
TOTALS, . . . . .	—	242,350	—	—

## DISTRICT No. 12.

<b>BRISTOL.</b>				
Attleborough, . . . . .	7,577	11,335	+3,758	+49.60
Berkley, . . . . .	894	949	+55	+6.15
Dighton, . . . . .	1,889	1,802	—87	—4.61
Easton, . . . . .	4,493	4,837	+344	+7.66
Mansfield, . . . . .	3,432	4,006	+574	+16.72
Norton, . . . . .	1,785	1,826	+41	+2.30
Raynham, . . . . .	1,340	1,540	+200	+14.93

\* See Notes, page 8.

† No comparison by wards or for total population. Ward lines changed in 1895.

TABLE III. *Population of Congressional Districts in Detail — Continued.*

DISTRICT No. 12 — Concluded.

COUNTIES, CITIES, AND TOWNS.	POPULATION		INCREASE (+), OR DECREASE (—), IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
BRISTOL — Con.				
Rehoboth, . . . . .	1,786	1,840	+54	+3.02
Seekonk, . . . . .	1,317	1,673	+356	+27.03
TAUNTON, . . . . .	25,448	31,036	+5,588	+21.96
NORFOLK.				
Avon, . . . . .	1,384	1,741	+357	+25.79
Braintree, . . . . .	4,848	5,981	+1,133	+23.37
Canton, . . . . .	4,538	4,584	+46	+1.01
Cohasset, . . . . .	2,448	2,759	+311	+12.70
Holbrook, . . . . .	2,474	2,229	—245	—9.90
Randolph, . . . . .	3,946	3,993	+47	+1.19
Stoughton, . . . . .	4,852	5,442	+590	+12.16
Weymouth, . . . . .	10,866	11,324	+458	+4.21
PLYMOUTH.				
Abington, . . . . .	4,260	4,489	+229	+5.38
Bridgewater, . . . . .	4,249	5,806	+1,557	+36.64
BROCKTON,* . . . . .	27,294	40,063	+12,769	+46.78
Carver, . . . . .	994	1,104	+110	+11.07
Duxbury, . . . . .	1,908	2,075	+167	+8.75
East Bridgewater, . . . . .	2,911	3,025	+114	+3.92
Halifax, . . . . .	562	522	—40	—7.12
Hanover, . . . . .	2,093	2,152	+59	+2.82
Hanson, . . . . .	1,267	1,455	+188	+14.84
Hingham, . . . . .	4,564	5,059	+495	+10.85
Hull, . . . . .	989	1,703	+714	+72.19
Kingston, . . . . .	1,659	1,955	+296	+17.84
Lakeville, . . . . .	935	958	+23	+2.46
Marshfield, . . . . .	1,713	1,810	+97	+5.66
Middleborough, . . . . .	6,065	6,885	+820	+13.52
Norwell, . . . . .	1,635	1,560	—75	—4.59
Pembroke, . . . . .	1,320	1,240	—80	—6.06
Plymouth, . . . . .	7,314	9,592	+2,278	+31.15
Plympton, . . . . .	597	488	—109	—18.26
Rockland, . . . . .	5,213	5,327	+114	+2.19
Scituate, . . . . .	2,318	2,470	+152	+6.56
West Bridgewater,* . . . . .	1,917	1,711	—206	—10.75
Whitman, . . . . .	4,441	6,155	+1,714	+38.59
TOTALS, . . . . .	171,535	206,501	+34,966	+20.38

\* See Notes, page 8.

TABLE III. *Population of Congressional Districts in Detail* — Continued.

## DISTRICT NO. 13.

COUNTIES, CITIES, AND TOWNS.	POPULATION		INCREASE (+), OR DECREASE (-), IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
BARNSTABLE.				
Barnstable, . . . . .	4,023	4,364	+341	+8.48
Bourne, . . . . .	1,442	1,657	+215	+14.91
Brewster, . . . . .	1,003	829	-174	-17.35
Chatham, . . . . .	1,954	1,749	-205	-10.49
Dennis, . . . . .	2,899	2,333	-566	-19.52
Eastham, . . . . .	602	502	-100	-16.61
Falmouth, . . . . .	2,567	3,500	+933	+36.35
Harwich, . . . . .	2,734	2,334	-400	-14.63
Mashpee, . . . . .	298	303	+5	+1.68
Orleans, . . . . .	1,219	1,123	-96	-7.88
Provincetown, . . . . .	4,642	4,247	-395	-8.51
Sandwich, . . . . .	1,819	1,448	-371	-20.40
Truro, . . . . .	919	767	-152	-16.54
Wellfleet, . . . . .	1,291	988	-303	-23.47
Yarmouth, . . . . .	1,760	1,682	-78	-4.43
BRISTOL.				
Acushnet, . . . . .	1,027	1,221	+194	+18.89
Dartmouth, . . . . .	3,122	3,669	+547	+17.52
Fairhaven, . . . . .	2,919	3,567	+648	+22.20
FALL RIVER, . . . . .	74,398	104,863	+30,465	+40.95
Freetown, . . . . .	1,417	1,394	-23	-1.62
NEW BEDFORD, . . . . .	40,733	62,442	+21,709	+53.30
Somerset, . . . . .	2,106	2,241	+135	+6.41
Swansea, . . . . .	1,456	1,645	+189	+12.98
Westport, . . . . .	2,599	2,890	+291	+11.20
DUKES.				
Chilmark, . . . . .	353	324	-29	-8.22
Cottage City, . . . . .	1,080	1,100	+20	+1.85
Edgartown, . . . . .	1,156	1,209	+53	+4.58
Gay Head, . . . . .	139	173	+34	+24.46
Gosnold, . . . . .	135	164	+29	+21.48
Tisbury,* . . . . .	1,506	1,149	-357	-23.71
West Tisbury,* . . . . .	-	442	+442	-
NANTUCKET.				
Nantucket, . . . . .	3,268	3,006	-262	-8.02

\* See Notes, page 8.

TABLE III. *Population of Congressional Districts in Detail — Concluded.*

## DISTRICT No. 13 — Concluded.

COUNTIES, CITIES, AND TOWNS.	POPULATION		INCREASE (+), OR DECREASE (—), IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
PLYMOUTH.				
Marion, . . . . .	871	902	+31	+3.56
Mattapoisett, . . . . .	1,148	1,061	—87	—7.58
Rochester, . . . . .	1,012	986	—26	—2.57
Wareham, . . . . .	3,451	3,432	—19	—0.55
TOTALS, . . . . .	173,068	225,706	+52,638	+30.41

TABLE IV. *Population — 1900: By Cities and Towns, with Comparative Rank.*

CITIES AND TOWNS.	Counties	Population 1900	RANK IN —		
			1890	1895	1900
BOSTON, . . . . .	Suffolk, . . .	560,892	1	1	1
WORCESTER, . . . . .	Worcester, . .	118,421	2	2	2
FALL RIVER, . . . . .	Bristol, . . .	104,863	4	3	3
LOWELL, . . . . .	Middlesex, . .	94,969	3	4	4
CAMBRIDGE,* . . . . .	Middlesex, . .	91,886	5	5	5
LYNN, . . . . .	Essex, . . .	68,513	6	6	6
LAWRENCE, . . . . .	Essex, . . .	62,559	7	9	7
NEW BEDFORD, . . . . .	Bristol, . . .	62,442	9	7	8
SPRINGFIELD, . . . . .	Hampden, . .	62,059	8	10	9
SOMERVILLE, . . . . .	Middlesex, . .	61,643	10	8	10
HOLYOKE, . . . . .	Hampden, . .	45,712	11	11	11
BROCKTON,* . . . . .	Plymouth, . .	40,063	15	13	12
HAVERHILL,* . . . . .	Essex, . . .	37,175	14	15	13
SALEM, . . . . .	Essex, . . .	35,956	12	12	14
CHELSEA, . . . . .	Suffolk, . . .	34,072	13	14	15
MALDEN, . . . . .	Middlesex, . .	33,664	19	16	16
NEWTON, . . . . .	Middlesex, . .	33,587	18	18	17
FITCHBURG, . . . . .	Worcester, . .	31,531	20	20	18
TAUNTON, . . . . .	Bristol, . . .	31,036	16	19	19
GLOUCESTER, . . . . .	Essex, . . .	26,121	17	17	20
EVERETT,* . . . . .	Middlesex, . .	24,336	32	25	21
NORTH ADAMS,* . . . . .	Berkshire, . .	24,200	24	24	22
QUINCY, . . . . .	Norfolk, . . .	23,899	23	22	23
WALTHAM, . . . . .	Middlesex, . .	23,481	21	21	24
PITTSFIELD, . . . . .	Berkshire, . .	21,766	22	23	25

\* See Notes, page 8.



TABLE IV. *Population—1900: By Cities and Towns, with Comparative Rank—Continued.*

CITIES AND TOWNS.	Counties	Population 1900	RANK IN—		
			1890	1895	1900
Brookline, . . . .	Norfolk, . .	19,935	30	28	26
CHICOPEE, . . . .	Hampden, . .	19,167	26	27	27
NORTHAMPTON, . . . .	Hampshire, . .	18,643	25	26	28
MEDFORD,* . . . .	Middlesex, . .	18,244	31	31	29
NEWBURYPORT, . . . .	Essex, . .	14,478	27	30	30
WOBURN,* . . . .	Middlesex, . .	14,254	29	32	31
BEVERLY,* . . . .	Essex, . .	13,884	34	35	32
Clinton, . . . .	Worcester, . .	13,667	35	36	33
MARLBOROUGH, . . . .	Middlesex, . .	13,609	28	29	34
Hyde Park, . . . .	Norfolk, . .	13,244	36	34	35
MELROSE,* . . . .	Middlesex, . .	12,962	45	33	36
Leominster, . . . .	Worcester, . .	12,392	53	42	37
Westfield, . . . .	Hampden, . .	12,310	38	38	38
Peabody, . . . .	Essex, . .	11,523	37	39	39
Milford, . . . .	Worcester, . .	11,376	43	44	40
Attleborough, . . . .	Bristol, . .	11,335	49	47	41
Weymouth, . . . .	Norfolk, . .	11,324	33	37	42
Framingham, . . . .	Middlesex, . .	11,302	40	41	43
Adams, . . . .	Berkshire, . .	11,134	41	51	44
Gardner, . . . .	Worcester, . .	10,813	46	43	45
Revere, . . . .	Suffolk, . .	10,395	66	57	46
Southbridge, . . . .	Worcester, . .	10,025	48	48	47
Watertown, . . . .	Middlesex, . .	9,706	55	53	48
Plymouth, . . . .	Plymouth, . .	9,592	52	50	49
Natick, . . . .	Middlesex, . .	9,488	42	45	50
Amesbury, . . . .	Essex, . .	9,473	39	40	51
Wakefield, . . . .	Middlesex, . .	9,290	57	46	52
Webster, . . . .	Worcester, . .	8,804	56	52	53
Arlington, . . . .	Middlesex, . .	8,603	67	63	54
Danvers, . . . .	Essex, . .	8,542	50	49	55
Ware, . . . .	Hampshire, . .	8,263	51	55	56
Greenfield,* . . . .	Franklin, . .	7,927	68	65	57
Palmer, . . . .	Hampden, . .	7,801	59	60	58
Spencer, . . . .	Worcester, . .	7,627	44	56	59
Marblehead, . . . .	Essex, . .	7,582	47	54	60
Methuen, . . . .	Essex, . .	7,512	77	72	61
Dedham,* . . . .	Norfolk, . .	7,457	54	59	62
North Attleborough, . . . .	Bristol, . .	7,253	58	62	63
Winchester, . . . .	Middlesex, . .	7,248	73	66	64
West Springfield, . . . .	Hampden, . .	7,105	71	68	65
Athol, . . . .	Worcester, . .	7,061	60	58	66
Northbridge, . . . .	Worcester, . .	7,036	82	79	67

\* See Notes, page 8.

TABLE IV. *Population—1900: By Cities and Towns, with Comparative Rank—Continued.*

CITIES AND TOWNS.	Counties	Population 1900	RANK IN—		
			1890	1895	1900
Middleborough, . . . .	Plymouth, . . . .	6,885	65	61	68
Andover, . . . . .	Essex, . . . . .	6,813	63	67	69
Milton, . . . . .	Norfolk, . . . .	6,578	94	74	70
Stoneham,* . . . . .	Middlesex, . . . .	6,197	62	64	71
Whitman, . . . . .	Plymouth, . . . .	6,155	88	71	72
Montague, . . . . .	Franklin, . . . .	6,150	61	69	73
Winthrop, . . . . .	Suffolk, . . . . .	6,058	137	106	74
Braintree, . . . . .	Norfolk, . . . . .	5,981	75	76	75
Great Barrington, . . . .	Berkshire, . . . .	5,854	81	88	76
Bridgewater, . . . . .	Plymouth, . . . .	5,806	97	94	77
Blackstone, . . . . .	Worcester, . . . .	5,721	64	70	78
Concord, . . . . .	Middlesex, . . . .	5,652	91	83	79
Easthampton, . . . . .	Hampshire, . . . .	5,603	92	89	80
Orange, . . . . .	Franklin, . . . .	5,520	83	75	81
Norwood, . . . . .	Norfolk, . . . . .	5,480	107	97	82
Hudson, . . . . .	Middlesex, . . . .	5,454	79	77	83
Stoughton, . . . . .	Norfolk, . . . . .	5,442	74	80	84
Westborough, . . . . .	Worcester, . . . .	5,400	70	81	85
Rockland, . . . . .	Plymouth, . . . .	5,327	69	73	86
Saugus, . . . . .	Essex, . . . . .	5,084	109	99	87
Wellesley, . . . . .	Norfolk, . . . . .	5,072	111	104	88
Hingham, . . . . .	Plymouth, . . . .	5,059	84	87	89
Amherst, . . . . .	Hampshire, . . . .	5,028	86	90	90
Franklin, . . . . .	Norfolk, . . . . .	5,017	76	84	91
Williamstown,* . . . . .	Berkshire, . . . .	5,013	98	86	92
Winchendon, . . . . .	Worcester, . . . .	5,001	93	100	93
Reading, . . . . .	Middlesex, . . . .	4,969	100	93	94
Grafton, . . . . .	Worcester, . . . .	4,869	72	85	95
Easton, . . . . .	Bristol, . . . . .	4,837	87	101	96
Ipswich, . . . . .	Essex, . . . . .	4,658	89	92	97
Rockport, . . . . .	Essex, . . . . .	4,592	101	78	98
North Brookfield, . . . .	Worcester, . . . .	4,587	104	96	99
'Canton, . . . . .	Norfolk, . . . . .	4,584	85	95	100
Swampscott, . . . . .	Essex, . . . . .	4,548	117	122	101
South Hadley, . . . . .	Hampshire, . . . .	4,526	95	102	102
Abington, . . . . .	Plymouth, . . . .	4,489	96	105	103
Millbury, . . . . .	Worcester, . . . .	4,460	90	82	104
Warren, . . . . .	Worcester, . . . .	4,417	78	103	105
Barnstable, . . . . .	Barnstable, . . . .	4,364	102	108	106
Provincetown, . . . . .	Barnstable, . . . .	4,247	80	98	107
North Andover, . . . . .	Essex, . . . . .	4,243	106	112	108
Needham, . . . . .	Norfolk, . . . . .	4,016	123	114	109

\* See Notes, page 8.

TABLE IV. *Population—1900: By Cities and Towns, with Comparative Rank—Continued.*

CITIES AND TOWNS.	Counties	Population 1900	RANK IN —		
			1890	1895	1900
Mansfield, . . . .	Bristol, . . . .	4,006	113	110	110
Randolph, . . . .	Norfolk, . . . .	3,993	103	111	111
Chelmsford, . . . .	Middlesex, . . . .	3,984	139	127	112
Belmont,* . . . .	Middlesex, . . . .	3,929	166	139	113
Lexington, . . . .	Middlesex, . . . .	3,831	118	115	114
Pepperell, . . . .	Middlesex, . . . .	3,701	120	120	115
Tewksbury, . . . .	Middlesex, . . . .	3,683	149	117	116
Dartmouth, . . . .	Bristol, . . . .	3,669	121	128	117
Uxbridge, . . . .	Worcester, . . . .	3,599	114	113	118
Lee, . . . .	Berkshire, . . . .	3,596	105	107	119
Walpole, . . . .	Norfolk, . . . .	3,572	144	132	120
Fairhaven, . . . .	Bristol, . . . .	3,567	130	119	121
Dudley, . . . .	Worcester, . . . .	3,553	127	126	122
Ludlow, . . . .	Hampden, . . . .	3,536	177	147	123
Falmouth, . . . .	Barnstable, . . . .	3,500	146	142	124
Templeton,* . . . .	Worcester, . . . .	3,489	125	135	125
Wareham, . . . .	Plymouth, . . . .	3,432	112	118	126
Leicester, . . . .	Worcester, . . . .	3,416	122	123	127
Monson, . . . .	Hampden, . . . .	3,402	110	109	128
Sutton, . . . .	Worcester, . . . .	3,328	119	116	129
Foxborough, . . . .	Norfolk, . . . .	3,266	128	124	130
Dracut, . . . .	Middlesex, . . . .	3,253	173	151	131
Hardwick, . . . .	Worcester, . . . .	3,203	129	143	132
Maynard, . . . .	Middlesex, . . . .	3,142	138	129	133
Brookfield, . . . .	Worcester, . . . .	3,062	115	121	134
East Bridgewater, . . . .	Plymouth, . . . .	3,025	131	137	135
Dalton, . . . .	Berkshire, . . . .	3,014	135	125	136
Nantucket, . . . .	Nantucket, . . . .	3,006	116	130	137
Lenox, . . . .	Berkshire, . . . .	2,942	134	138	138
Medfield, . . . .	Norfolk, . . . .	2,926	209	182	139
Westport, . . . .	Bristol, . . . .	2,890	145	141	140
Billerica, . . . .	Middlesex, . . . .	2,775	152	146	141
Medway, . . . .	Norfolk, . . . .	2,761	126	136	142
Cohasset, . . . .	Norfolk, . . . .	2,759	151	150	143
Wrentham, . . . .	Norfolk, . . . .	2,720	147	145	144
Oxford, . . . .	Worcester, . . . .	2,677	143	154	145
Westford, . . . .	Middlesex, . . . .	2,624	155	152	146
Hopkinton, . . . .	Middlesex, . . . .	2,623	99	133	147
Holliston, . . . .	Middlesex, . . . .	2,598	142	140	148
Agawam, . . . .	Hampden, . . . .	2,536	153	153	149
Manchester, . . . .	Essex, . . . .	2,522	189	181	150
Lancaster, . . . .	Worcester, . . . .	2,478	157	162	151

\* See Notes, page 8.

TABLE IV. *Population — 1900 : By Cities and Towns, with Comparative Rank — Continued.*

CITIES AND TOWNS.	Counties	Population 1900	RANK IN —		
			1890	1895	1900
Scituate, . . . .	Plymouth, . .	2,470	154	159	152
Holden, . . . .	Worcester, . .	2,464	141	144	153
Ayer, . . . .	Middlesex, . .	2,446	160	166	154
Groveland, . . . .	Essex, . . . .	2,376	158	155	155
Harwich, . . . .	Barnstable, . .	2,334	136	149	156
Dennis, . . . .	Barnstable, . .	2,333	133	148	157
West Boylston, . . . .	Worcester, . .	2,314	124	134	158
Wayland, . . . .	Middlesex, . .	2,303	170	172	159
Belchertown, . . . .	Hampshire, . .	2,292	162	163	160
Somerset, . . . .	Bristol, . . . .	2,241	165	173	161
Holbrook, . . . .	Norfolk, . . . .	2,229	150	157	162
Northborough, . . . .	Worcester, . .	2,164	176	177	163
Hanover, . . . .	Plymouth, . .	2,152	167	169	164
Merrimac, . . . .	Essex, . . . .	2,131	140	156	165
Acton, . . . .	Middlesex, . .	2,120	181	174	166
Douglas, . . . .	Worcester, . .	2,113	179	171	167
Hopedale, . . . .	Worcester, . .	2,087	238	223	168
Stockbridge, . . . .	Berkshire, . .	2,081	161	168	169
Duxbury, . . . .	Plymouth, . .	2,075	180	175	170
Sharon, . . . .	Norfolk, . . . .	2,060	203	192	171
Barre, . . . .	Worcester, . .	2,059	156	158	172
Sturbridge, . . . .	Worcester, . .	2,058	169	178	173
Groton, . . . .	Middlesex, . .	2,052	171	161	174
Deerfield,* . . . .	Franklin, . . . .	1,969	132	131	175
Northfield, . . . .	Franklin, . . . .	1,966	184	183	176
Kingston, . . . .	Plymouth, . .	1,955	201	190	177
Upton, . . . .	Worcester, . .	1,937	183	164	178
Williamsburg, . . . .	Hampshire, . .	1,926	172	176	179
Southborough, . . . .	Worcester, . .	1,921	164	160	180
Georgetown, . . . .	Essex, . . . .	1,900	163	170	181
Ashburnham, . . . .	Worcester, . .	1,882	168	165	182
Charlton, . . . .	Worcester, . .	1,860	185	180	183
Rehoboth, . . . .	Bristol, . . . .	1,840	190	184	184
Weston, . . . .	Middlesex, . .	1,834	200	193	185
Norton, . . . .	Bristol, . . . .	1,826	191	200	186
Marshfield, . . . .	Plymouth, . .	1,810	196	188	187
Sheffield, . . . .	Berkshire, . .	1,804	175	179	188
Townsend, . . . .	Middlesex, . .	1,804	193	187	189
Dighton, . . . .	Bristol, . . . .	1,802	182	186	190
Hadley, . . . .	Hampshire, . .	1,789	199	194	191
Chatham, . . . .	Barnstable, . .	1,749	174	185	192
Colrain, . . . .	Franklin, . . . .	1,749	198	201	193

\* See Notes, page 8.

TABLE IV. *Population — 1900: By Cities and Towns, with Comparative Rank — Continued.*

CITIES AND TOWNS.	Counties	Population 1900	RANK IN —		
			1890	1895	1900
Avon, . . . . .	Norfolk, . . .	1,741	218	199	194
West Bridgewater,* . . .	Plymouth, . . .	1,711	178	189	195
Hull, . . . . .	Plymouth, . . .	1,703	258	247	196
Bellingham, . . . . .	Norfolk, . . .	1,682	222	213	197
Yarmouth, . . . . .	Barnstable, . . .	1,682	192	195	198
Shirley, . . . . .	Middlesex, . . .	1,680	237	221	199
Seekonk, . . . . .	Bristol, . . .	1,673	224	215	200
Essex, . . . . .	Essex, . . .	1,663	195	204	201
Bourne, . . . . .	Barnstable, . . .	1,657	214	205	202
Swansea, . . . . .	Bristol, . . .	1,645	211	198	203
Shrewsbury, . . . . .	Worcester, . . .	1,626	213	210	204
Auburn, . . . . .	Worcester, . . .	1,621	207	202	205
Hamilton, . . . . .	Essex, . . .	1,614	264	224	206
Newbury, . . . . .	Essex, . . .	1,601	215	212	207
Wilmington, . . . . .	Middlesex, . . .	1,596	235	219	208
Wilbraham, . . . . .	Hampden, . . .	1,595	187	191	209
Norwell, . . . . .	Plymouth, . . .	1,560	202	209	210
Salisbury, . . . . .	Essex, . . .	1,558	225	227	211
West Newbury, . . . . .	Essex, . . .	1,558	188	197	212
Raynham, . . . . .	Bristol, . . .	1,540	221	211	213
Ashland, . . . . .	Middlesex, . . .	1,525	148	167	214
Shelburne, . . . . .	Franklin, . . .	1,508	206	207	215
Hatfield, . . . . .	Hampshire, . . .	1,500	232	231	216
Hinsdale, . . . . .	Berkshire, . . .	1,485	194	196	217
Sherborn, . . . . .	Middlesex, . . .	1,483	219	217	218
Huntington, . . . . .	Hampshire, . . .	1,475	217	216	219
Conway, . . . . .	Franklin, . . .	1,458	212	226	220
Hanson, . . . . .	Plymouth, . . .	1,455	230	222	221
Chester, . . . . .	Hampden, . . .	1,450	228	218	222
Sandwich, . . . . .	Barnstable, . . .	1,448	186	206	223
West Brookfield, . . . . .	Worcester, . . .	1,448	204	214	224
Buckland, . . . . .	Franklin, . . .	1,446	205	208	225
Sterling, . . . . .	Worcester, . . .	1,420	233	235	226
Freetown, . . . . .	Bristol, . . .	1,394	216	220	227
Rowley, . . . . .	Essex, . . .	1,391	231	230	228
Boylston, . . . . .	Worcester, . . .	1,364	297	298	229
Rutland, . . . . .	Worcester, . . .	1,344	261	260	230
Lunenburg, . . . . .	Worcester, . . .	1,332	241	233	231
Westminster, . . . . .	Worcester, . . .	1,327	197	225	232
New Marlborough, . . . . .	Berkshire, . . .	1,282	227	228	233
Pembroke, . . . . .	Plymouth, . . .	1,240	223	234	234
Hubbardston, . . . . .	Worcester, . . .	1,227	220	229	235

\* See Notes, page 8.



TABLE IV. *Population — 1900: By Cities and Towns, with Comparative Rank — Continued.*

CITIES AND TOWNS.	Counties	Population 1900	RANK IN —		
			1890	1895	1900
Acushnet, . . . .	Bristol, . . . .	1,221	249	243	236
Cheshire, . . . .	Berkshire, . . . .	1,221	226	237	237
Edgartown, . . . .	Dukes, . . . .	1,209	239	242	238
Bedford, . . . .	Middlesex, . . . .	1,208	244	238	239
East Longmeadow,* . . . .	Hampden, . . . .	1,187	—	203	240
Littleton, . . . .	Middlesex, . . . .	1,179	251	241	241
West Stockbridge, . . . .	Berkshire, . . . .	1,158	210	232	242
Nahant, . . . .	Essex, . . . .	1,152	279	278	243
Sudbury, . . . .	Middlesex, . . . .	1,150	236	240	244
Tisbury,* . . . .	Dukes, . . . .	1,149	208	258	245
Harvard, . . . .	Worcester, . . . .	1,139	243	239	246
Lincoln, . . . .	Middlesex, . . . .	1,127	259	244	247
Orleans, . . . .	Barnstable, . . . .	1,123	234	236	248
Westwood,* . . . .	Norfolk, . . . .	1,112	—	—	249
Carver, . . . .	Plymouth, . . . .	1,104	257	253	250
Cottage City, . . . .	Dukes, . . . .	1,100	245	249	251
Charlemont, . . . .	Franklin, . . . .	1,094	262	248	252
Mattapoisett, . . . .	Plymouth, . . . .	1,061	240	251	253
Millis, . . . .	Norfolk, . . . .	1,053	294	256	254
Granville, . . . .	Hampden, . . . .	1,050	246	257	255
Southwick, . . . .	Hampden, . . . .	1,040	272	264	256
Enfield, . . . .	Hampshire, . . . .	1,036	266	259	257
North Reading, . . . .	Middlesex, . . . .	1,035	281	284	258
Topsfield, . . . .	Essex, . . . .	1,030	252	250	259
Gill, . . . .	Franklin, . . . .	1,015	265	245	260
Southampton, . . . .	Hampshire, . . . .	1,012	254	246	261
Berlin, . . . .	Worcester, . . . .	1,003	277	270	262
Stow, . . . .	Middlesex, . . . .	1,002	274	268	263
Becket, . . . .	Berkshire, . . . .	994	267	273	264
Wellfleet, . . . .	Barnstable, . . . .	988	229	261	265
Rochester, . . . .	Plymouth, . . . .	986	255	252	266
Norfolk, . . . .	Norfolk, . . . .	980	273	275	267
Princeton, . . . .	Worcester, . . . .	975	260	267	268
Erving, . . . .	Franklin, . . . .	973	263	262	269
Lakeville, . . . .	Plymouth, . . . .	958	268	276	270
Royalston, . . . .	Worcester, . . . .	958	248	271	271
Ashfield, . . . .	Franklin, . . . .	955	250	254	272
Berkley, . . . .	Bristol, . . . .	949	275	265	273
Clarksburg, . . . .	Berkshire, . . . .	943	278	255	274
Brimfield, . . . .	Hampden, . . . .	941	242	263	275
Mendon, . . . .	Worcester, . . . .	911	270	272	276
Marion, . . . .	Plymouth, . . . .	902	283	292	277

\* See Notes, page 8.



TABLE IV. *Population — 1900: By Cities and Towns, with Comparative Rank — Continued.*

CITIES AND TOWNS.	Counties.	Population 1900	RANK IN —		
			1890	1895	1900
Lynnfield, . . . . .	Essex, . . . . .	888	293	285	278
Ashby, . . . . .	Middlesex, . . . . .	876	289	287	279
Petersham, . . . . .	Worcester, . . . . .	853	247	266	280
Wenham, . . . . .	Essex, . . . . .	847	276	274	281
Middleton, . . . . .	Essex, . . . . .	839	269	282	282
Blandford, . . . . .	Hampden, . . . . .	836	282	279	283
Brewster, . . . . .	Barnstable, . . . . .	829	256	269	284
Longmeadow,* . . . . .	Hampden, . . . . .	811	159	306	285
New Salem, . . . . .	Franklin, . . . . .	807	285	277	286
Russell, . . . . .	Hampden, . . . . .	793	280	281	287
Bernardston, . . . . .	Franklin, . . . . .	792	296	291	288
Dana, . . . . .	Worcester, . . . . .	790	303	300	289
Hampden, . . . . .	Hampden, . . . . .	782	287	297	290
Lanesborough, . . . . .	Berkshire, . . . . .	780	253	280	291
Tyngsborough, . . . . .	Middlesex, . . . . .	773	306	305	292
Wales, . . . . .	Hampden, . . . . .	773	304	290	293
Sunderland, . . . . .	Franklin, . . . . .	771	305	302	294
Bolton, . . . . .	Worcester, . . . . .	770	288	289	295
Whately, . . . . .	Franklin, . . . . .	769	295	293	296
Truro, . . . . .	Barnstable, . . . . .	767	271	286	297
Granby, . . . . .	Hampshire, . . . . .	761	298	295	298
Egremont, . . . . .	Berkshire, . . . . .	758	286	283	299
Cummington, . . . . .	Hampshire, . . . . .	748	292	294	300
Leverett, . . . . .	Franklin, . . . . .	744	302	296	301
Boxford, . . . . .	Essex, . . . . .	704	284	299	302
Richmond, . . . . .	Berkshire, . . . . .	679	291	301	303
Worthington, . . . . .	Hampshire, . . . . .	675	301	304	304
Sandisfield, . . . . .	Berkshire, . . . . .	661	290	288	305
Dover, . . . . .	Norfolk, . . . . .	656	300	303	306
Warwick, . . . . .	Franklin, . . . . .	619	315	308	307
Chesterfield, . . . . .	Hampshire, . . . . .	611	309	309	308
Burlington, . . . . .	Middlesex, . . . . .	593	307	310	309
Oakham, . . . . .	Worcester, . . . . .	588	299	307	310
Rowe, . . . . .	Franklin, . . . . .	549	317	318	311
Halifax, . . . . .	Plymouth, . . . . .	522	316	319	312
Windsor, . . . . .	Berkshire, . . . . .	507	308	311	313
Savoy, . . . . .	Berkshire, . . . . .	506	314	317	314
Eastham, . . . . .	Barnstable, . . . . .	502	310	323	315
New Braintree, . . . . .	Worcester, . . . . .	500	313	313	316
Wendell, . . . . .	Franklin, . . . . .	492	321	314	317
Greenwich, . . . . .	Hampshire, . . . . .	491	318	322	318

\* See Notes, page 8.

TABLE IV. *Population—1900: By Cities and Towns, with Comparative Rank — Concluded.*

CITIES AND TOWNS.	Counties	Population 1900	RANK IN —		
			1890	1895	1900
Plympton, . . . .	Plymouth, . .	488	311	312	319
Carlisle, . . . .	Middlesex, . .	480	326	320	320
Otis, . . . . .	Berkshire, . .	476	312	315	321
Westhampton, . . . .	Hampshire, . .	469	327	325	322
Pelham, . . . . .	Hampshire, . .	462	325	321	323
Paxton, . . . . .	Worcester, . .	459	330	332	324
Monterey, . . . . .	Berkshire, . .	455	324	327	325
Hancock, . . . . .	Berkshire, . .	451	320	316	326
West Tisbury,* . . . .	Dukes, . . . .	442	—	329	327
Heath, . . . . .	Franklin, . . .	441	322	324	328
Phillipston,* . . . . .	Worcester, . .	441	323	328	329
Hawley, . . . . .	Franklin, . . .	429	319	326	330
Dunstable, . . . . .	Middlesex, . .	427	334	336	331
Middlefield, . . . . .	Hampshire, . .	410	328	337	332
Plainfield, . . . . .	Hampshire, . .	404	332	330	333
Florida, . . . . .	Berkshire, . .	390	331	333	334
Tyringham, . . . . .	Berkshire, . .	386	335	339	335
Shutesbury, . . . . .	Franklin, . . .	382	329	331	336
Prescott, . . . . .	Hampshire, . .	380	338	335	337
Leyden, . . . . .	Franklin, . . .	379	336	338	338
Washington, . . . . .	Berkshire, . .	377	333	334	339
Chilmark, . . . . .	Dukes, . . . .	324	339	344	340
Boxborough, . . . . .	Middlesex, . .	316	340	342	341
Goshen, . . . . .	Hampshire, . .	316	344	345	342
Monroe, . . . . .	Franklin, . . .	305	345	346	343
Mashpee, . . . . .	Barnstable, . .	303	342	340	344
Tolland, . . . . .	Hampden, . . .	275	337	341	345
Montgomery, . . . . .	Hampden, . . .	273	346	348	346
Alford, . . . . .	Berkshire, . .	272	343	347	347
Peru, . . . . .	Berkshire, . .	253	341	343	348
Gay Head, . . . . .	Dukes, . . . .	173	349	350	349
Holland, . . . . .	Hampden, . . .	169	347	349	350
Gosnold, . . . . .	Dukes, . . . .	164	350	351	351
Mount Washington, . . .	Berkshire, . .	122	348	352	352
New Ashford, . . . . .	Berkshire, . .	107	351	353	353

\* See Notes, page 8.

## ANALYSIS.

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The total population of the State, June, 1900, was 2,805,346, as against 2,500,183 in May, 1895, the date of the latest State Decennial Census, and 2,238,943 in June, 1890, the date of the preceding United States Census. The gain as compared with 1895 is 305,163, or 12.21 per cent, and as compared with 1890, 566,403, or 25.30 per cent. For the 10 years ending in 1900, the percentage of gain is practically the same as is shown for the 10 years 1880-1890, during which period the rate of increase was 25.57 per cent. No other decade covered by the Federal Census shows so large a rate of increase as is shown in these two periods, except that ending in 1850, for which the rate of increase was 34.81 per cent. In the 10 years ending in 1895, as shown by the Decennial Census taken in that year, the population of the Commonwealth increased at the rate of 28.73 per cent.

According to the latest figures, as compared with those for 1890, every county shows a gain except Barnstable and Nantucket, and as compared with the figures for 1895, every county shows a gain except Nantucket, and in that county the loss is very slight, amounting to less than one per cent.

The Commonwealth now contains 348.92 persons per square mile, as against 278.48 in 1890.

### *Cities and Towns Showing Increase.*

The details are shown in Table II, on pages 8-18, the total number of cities and towns showing increase being 231; by counties as follows: Barnstable, four; Berkshire, nine; Bristol, 18; Dukes, five; Essex, 25; Franklin, 14; Hampden, 13; Hampshire, 13; Middlesex, 45; Norfolk, 25; Plymouth, 19; Suffolk, four; and Worcester, 37. The municipality showing the largest gain in 1900 as compared with 1890 is the town of Winthrop in the county of Suffolk, the increase being 122.23 per cent. Other places showing large gains are Everett, 119.88 per cent; Belmont, 87.27 per cent; and Ludlow, 82.36 per cent.

*Cities and Towns Showing Decrease.*

Table II also presents details of the cities and towns showing decrease in population, the total number being 122; by counties, as follows: Barnstable, 11; Berkshire, 23; Bristol, two; Dukes, two; Essex, nine; Franklin, 12; Hampden, 10; Hampshire, 10; Middlesex, nine; Nantucket, one; Norfolk, three; Plymouth, eight; and Worcester, 22. The total number of towns showing decrease in the Decennial Census in 1895 was 143; the present census therefore shows a smaller number of places in this class. They are principally places without manufacturing industries. Certain towns in the State have shown a continuous decrease in every census, State or Federal, for 20 years. These are:

Alford, Blandford, Bolton, Brimfield, Chatham, Cummington, Dennis, Harwich, Hawley, Holland, Lanesborough, Monterey, Mount Washington, New Ashford, New Marlborough, Oakham, Otis, Plympton, Richmond, Sandisfield, Sheffield, Shutesbury, Tolland, Truro, Washington, Westhampton, West Newbury, West Brookfield, and West Stockbridge. Besides these, Pelham and Peru show a smaller population than was found 20 years ago, although the decrease has not been continuous. Phillipston and Sandwich have a smaller population than 20 years ago, but the loss is either wholly or partly due to changes in territory by the incorporation of new towns, or changes in area, boundaries, etc.

The following recapitulation shows, by counties, the number of cities and towns showing increase or decrease in 1900, and also the aggregate population of the counties as compared with 1890, with the numerical increase or decrease and percentages.

THE STATE, AND COUNTIES.	Total Number of Towns in 1900	Number of Towns showing Gain	Number of Towns showing Loss	POPULATION		INCREASE (+), OR DECREASE (-), IN 1900 AS COMPARED WITH 1890	
				1890	1900	Number	Percent- ages
THE STATE.	353	231	122	2,238,943	2,805,346	+566,403	+25.30
Barnstable, .	15	4	11	29,172	27,826	-1,346	-4.61
Berkshire, .	32	9	23	81,108	95,667	+14,559	+17.95

THE STATE, AND COUNTIES.	Total Number of Towns in 1900	Number of Towns showing Gain	Number of Towns showing Loss	POPULATION		INCREASE (+), OR DECREASE (-), IN 1900 AS COMPARED WITH 1890	
				1890	1900	Number	Percent- ages
Bristol, . . .	20	18	2	186,465	252,029	+65,564	+35.16
Dukes, . . .	7	5	2	4,369	4,561	+192	+4.39
Essex, . . .	34	25	9	299,995	357,030	+57,035	+19.01
Franklin, . . .	26	14	12	38,610	41,209	+2,599	+6.73
Hampden, . . .	23	13	10	135,713	175,603	+39,890	+29.39
Hampshire, . . .	23	13	10	51,859	58,820	+6,961	+13.42
Middlesex, . . .	54	45	9	431,167	565,696	+134,529	+31.20
Nantucket, . . .	1	—	1	3,268	3,006	-262	-8.02
Norfolk, . . .	28	25	3	118,950	151,539	+32,589	+27.40
Plymouth, . . .	27	19	8	92,700	113,985	+21,285	+22.96
Suffolk, . . .	4	4	—	484,780	611,417	+126,637	+26.12
Worcester, . . .	59	37	22	280,787	346,958	+66,171	+23.57

The aggregate population in 1900 of the cities and towns showing increase is 2,609,442 as against 2,017,982 in 1890, a gain in these places of 29.31 per cent. On the other hand, the aggregate population in 1900 of the cities and towns showing decreases is 195,904 as against 220,961, a loss of 11.34 per cent.

### *Population of Cities.*

The Commonwealth now contains 33 cities. The population of these municipalities for 1900 and 1890, with increase or decrease, numerically and by percentages, is shown in the following table:

CITIES.	POPULATION		INCREASE (+), OR DECREASE (-), IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
Beverly, . . . . .	10,821	13,884	+3,063	+28.31
Boston, . . . . .	448,477	560,892	+112,415	+25.07
Brockton, . . . . .	27,294	40,063	+12,769	+46.78
Cambridge, . . . . .	70,028	91,886	+21,858	+31.21
Chelsea, . . . . .	27,909	34,072	+6,163	+22.08
Chicopee, . . . . .	14,050	19,167	+5,117	+36.42
Everett, . . . . .	11,068	24,336	+13,268	+119.88
Fall River, . . . . .	74,398	104,863	+30,465	+40.95



CITIES.	POPULATION		INCREASE (+), OR DECREASE (-), IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
Fitchburg, . . . . .	22,037	31,531	+9,494	+43.08
Gloucester, . . . . .	24,651	26,121	+1,470	+5.96
Haverhill, . . . . .	27,412	37,175	+9,763	+35.62
Holyoke, . . . . .	35,637	45,712	+10,075	+28.27
Lawrence, . . . . .	44,654	62,559	+17,905	+40.10
Lowell, . . . . .	77,696	94,969	+17,273	+22.23
Lynn, . . . . .	55,727	68,513	+12,786	+22.94
Malden, . . . . .	23,031	33,664	+10,633	+46.17
Marlborough, . . . . .	13,805	13,609	-196	-1.42
Medford, . . . . .	11,079	18,244	+7,165	+64.67
Melrose, . . . . .	8,519	12,962	+4,443	+52.15
New Bedford, . . . . .	40,733	62,442	+21,709	+53.30
Newburyport, . . . . .	13,947	14,478	+531	+3.81
Newton, . . . . .	24,379	33,587	+9,208	+37.77
North Adams, . . . . .	16,074	24,200	+8,126	+50.55
Northampton, . . . . .	14,990	18,643	+3,653	+24.37
Pittsfield, . . . . .	17,281	21,766	+4,485	+25.95
Quincy, . . . . .	16,723	23,899	+7,176	+42.91
Salem, . . . . .	30,801	35,956	+5,155	+16.74
Somerville, . . . . .	40,152	61,643	+21,491	+53.52
Springfield, . . . . .	44,179	62,059	+17,880	+40.47
Taunton, . . . . .	25,448	31,036	+5,588	+21.96
Waltham, . . . . .	18,707	23,481	+4,774	+25.52
Woburn, . . . . .	13,499	14,254	+755	+5.59
Worcester, . . . . .	84,655	118,421	+33,766	+39.89
TOTALS, . . . . .	1,429,861	1,880,087	+450,226	+31.49

The total population under city government in 1900 is 1,880,087 as compared with 1,372,300, the city population in 1890, an increase of 37 per cent. Over 67 per cent of the population of the State is now under city government as distinguished from town government. All of the cities show an increase in 1900 as compared with 1890 except Marlborough, which, for local reasons affecting its leading industry, boots and shoes, shows a slight decline. This will undoubtedly be temporary.

The population of the cities by wards is shown in the next table.



CITIES AND WARDS.	Population 1900	CITIES AND WARDS.	Population 1900
BEVERLY, . . . .	13,884	CAMBRIDGE — Con.	
Ward 1, . . . .	3,005	Ward 4, . . . .	21,079
Ward 2, . . . .	2,534	Ward 5, . . . .	13,440
Ward 3, . . . .	2,594	CHELSEA, . . . .	34,072
Ward 4, . . . .	2,748	Ward 1, . . . .	7,598
Ward 5, . . . .	1,403	Ward 2, . . . .	8,018
Ward 6, . . . .	1,600	Ward 3, . . . .	7,787
BOSTON, . . . .	560,892	Ward 4, . . . .	5,723
Ward 1, . . . .	22,832	Ward 5, . . . .	4,946
Ward 2, . . . .	22,924	CHICOPEE, . . . .	19,167
Ward 3, . . . .	14,564	Ward 1, . . . .	2,900
Ward 4, . . . .	13,248	Ward 2, . . . .	1,973
Ward 5, . . . .	12,840	Ward 3, . . . .	3,053
Ward 6, . . . .	30,546	Ward 4, . . . .	2,830
Ward 7, . . . .	14,782	Ward 5, . . . .	3,059
Ward 8, . . . .	28,817	Ward 6, . . . .	2,312
Ward 9, . . . .	24,583	Ward 7, . . . .	3,040
Ward 10, . . . .	22,142	EVERETT, . . . .	24,336
Ward 11, . . . .	19,275	Ward 1, . . . .	3,568
Ward 12, . . . .	23,641	Ward 2, . . . .	4,020
Ward 13, . . . .	22,835	Ward 3, . . . .	5,519
Ward 14, . . . .	21,453	Ward 4, . . . .	3,204
Ward 15, . . . .	19,700	Ward 5, . . . .	3,515
Ward 16, . . . .	20,017	Ward 6, . . . .	4,510
Ward 17, . . . .	25,038	FALL RIVER, . . . .	104,863
Ward 18, . . . .	22,401	Ward 1, . . . .	16,175
Ward 19, . . . .	27,178	Ward 2, . . . .	10,154
Ward 20, . . . .	32,556	Ward 3, . . . .	13,446
Ward 21, . . . .	23,868	Ward 4, . . . .	11,422
Ward 22, . . . .	25,610	Ward 5, . . . .	10,718
Ward 23, . . . .	23,637	Ward 6, . . . .	16,059
Ward 24, . . . .	27,126	Ward 7, . . . .	6,212
Ward 25, . . . .	19,279	Ward 8, . . . .	8,115
BROCKTON, . . . .	40,063	Ward 9, . . . .	12,562
Ward 1, . . . .	4,824	FITCHBURG, . . . .	31,531
Ward 2, . . . .	5,063	Ward 1, . . . .	4,845
Ward 3, . . . .	6,173	Ward 2, . . . .	8,519
Ward 4, . . . .	5,366	Ward 3, . . . .	4,972
Ward 5, . . . .	6,027	Ward 4, . . . .	3,664
Ward 6, . . . .	6,912	Ward 5, . . . .	3,791
Ward 7, . . . .	5,698	Ward 6, . . . .	5,740
CAMBRIDGE, . . . .	91,886	GLOUCESTER, . . . .	26,121
Ward 1, . . . .	17,088	Ward 1, . . . .	2,952
Ward 2, . . . .	26,728	Ward 2, . . . .	4,814
Ward 3, . . . .	13,551	Ward 3, . . . .	4,342

CITIES AND WARDS.	Population 1900	CITIES AND WARDS.	Population 1900
<b>GLOUCESTER — Con.</b>		<b>LYNN — Con.</b>	
Ward 4, . . . .	2,554	Ward 6, . . . .	17,219
Ward 5, . . . .	4,274	Ward 7, . . . .	3,126
Ward 6, . . . .	3,260	<b>MALDEN, . . . .</b>	33,664
Ward 7, . . . .	2,309	Ward 1, . . . .	4,578
Ward 8, . . . .	1,616	Ward 2, . . . .	5,565
<b>HAVERHILL, . . . .</b>	37,175	Ward 3, . . . .	4,349
Ward 1, . . . .	2,730	Ward 4, . . . .	4,705
Ward 2, . . . .	2,536	Ward 5, . . . .	4,654
Ward 3, . . . .	3,298	Ward 6, . . . .	5,285
Ward 4, . . . .	4,179	Ward 7, . . . .	4,528
Ward 5, . . . .	12,064	<b>MARLBOROUGH, . . . .</b>	13,609
Ward 6, . . . .	7,245	Ward 1, . . . .	1,271
Ward 7, . . . .	5,123	Ward 2, . . . .	1,927
<b>HOLYOKE, . . . .</b>	45,712	Ward 3, . . . .	2,746
Ward 1, . . . .	6,930	Ward 4, . . . .	3,217
Ward 2, . . . .	9,528	Ward 5, . . . .	1,687
Ward 3, . . . .	6,313	Ward 6, . . . .	1,543
Ward 4, . . . .	7,106	Ward 7, . . . .	1,218
Ward 5, . . . .	4,296	<b>MEDFORD, . . . .</b>	18,244
Ward 6, . . . .	6,214	Ward 1, . . . .	4,022
Ward 7, . . . .	5,325	Ward 2, . . . .	2,380
<b>LAWRENCE, . . . .</b>	62,559	Ward 3, . . . .	2,061
Ward 1, . . . .	9,804	Ward 4, . . . .	2,362
Ward 2, . . . .	8,537	Ward 5, . . . .	4,843
Ward 3, . . . .	10,159	Ward 6, . . . .	2,576
Ward 4, . . . .	11,722	<b>MELROSE, . . . .</b>	12,962
Ward 5, . . . .	11,821	Ward 1, . . . .	1,577
Ward 6, . . . .	10,516	Ward 2, . . . .	2,044
<b>LOWELL, . . . .</b>	94,969	Ward 3, . . . .	1,954
Ward 1, . . . .	8,248	Ward 4, . . . .	1,460
Ward 2, . . . .	10,821	Ward 5, . . . .	1,774
Ward 3, . . . .	10,052	Ward 6, . . . .	2,168
Ward 4, . . . .	9,315	Ward 7, . . . .	1,985
Ward 5, . . . .	8,973	<b>NEW BEDFORD, . . . .</b>	62,442
Ward 6, . . . .	10,706	Ward 1, . . . .	16,765
Ward 7, . . . .	18,490	Ward 2, . . . .	8,285
Ward 8, . . . .	9,655	Ward 3, . . . .	5,826
Ward 9, . . . .	8,709	Ward 4, . . . .	6,632
<b>LYNN, . . . .</b>	68,513	Ward 5, . . . .	9,139
Ward 1, . . . .	1,828	Ward 6, . . . .	15,795
Ward 2, . . . .	4,310	<b>NEWBURYPORT, . . . .</b>	14,478
Ward 3, . . . .	15,343	Ward 1, . . . .	2,352
Ward 4, . . . .	12,808	Ward 2, . . . .	2,076
Ward 5, . . . .	13,879	Ward 3, . . . .	2,777

CITIES AND WARDS.	Population 1900	CITIES AND WARDS.	Population 1900
NEWBURYPORT — Con.		SALEM — Con.	
Ward 4, . . . .	2,283	Ward 2, . . . .	5,705
Ward 5, . . . .	2,288	Ward 3, . . . .	4,489
Ward 6, . . . .	2,702	Ward 4, . . . .	5,153
NEWTON, . . . .	33,587	Ward 5, . . . .	11,144
Ward 1, . . . .	4,509	Ward 6, . . . .	4,566
Ward 2, . . . .	5,719	SOMERVILLE, . . . .	61,643
Ward 3, . . . .	5,493	Ward 1, . . . .	10,047
Ward 4, . . . .	3,912	Ward 2, . . . .	12,066
Ward 5, . . . .	5,663	Ward 3, . . . .	7,088
Ward 6, . . . .	5,151	Ward 4, . . . .	6,818
Ward 7, . . . .	3,140	Ward 5, . . . .	9,022
NORTH ADAMS, . . . .	24,200	Ward 6, . . . .	8,934
Ward 1, . . . .	3,242	Ward 7, . . . .	7,668
Ward 2, . . . .	3,232	SPRINGFIELD, . . . .	62,059
Ward 3, . . . .	2,765	Ward 1, . . . .	10,148
Ward 4, . . . .	4,369	Ward 2, . . . .	8,739
Ward 5, . . . .	3,190	Ward 3, . . . .	5,579
Ward 6, . . . .	2,995	Ward 4, . . . .	6,813
Ward 7, . . . .	4,407	Ward 5, . . . .	6,462
NORTHAMPTON, . . . .	18,643	Ward 6, . . . .	7,103
Ward 1, . . . .	2,590	Ward 7, . . . .	7,054
Ward 2, . . . .	3,840	Ward 8, . . . .	10,161
Ward 3, . . . .	3,218	TAUNTON, . . . .	31,036
Ward 4, . . . .	2,862	Ward 1, . . . .	3,116
Ward 5, . . . .	2,372	Ward 2, . . . .	3,104
Ward 6, . . . .	1,874	Ward 3, . . . .	3,143
Ward 7, . . . .	1,887	Ward 4, . . . .	3,953
PITTSFIELD, . . . .	21,766	Ward 5, . . . .	4,403
Ward 1, . . . .	3,360	Ward 6, . . . .	3,384
Ward 2, . . . .	4,046	Ward 7, . . . .	3,375
Ward 3, . . . .	2,615	Ward 8, . . . .	6,558
Ward 4, . . . .	2,807	WALTHAM, . . . .	23,481
Ward 5, . . . .	2,733	Ward 1, . . . .	3,139
Ward 6, . . . .	3,808	Ward 2, . . . .	3,217
Ward 7, . . . .	2,397	Ward 3, . . . .	4,267
QUINCY, . . . .	23,899	Ward 4, . . . .	3,341
Ward 1, . . . .	4,258	Ward 5, . . . .	3,084
Ward 2, . . . .	2,844	Ward 6, . . . .	3,255
Ward 3, . . . .	5,073	Ward 7, . . . .	3,178
Ward 4, . . . .	5,297	WOBURN, . . . .	14,254
Ward 5, . . . .	3,617	Ward 1, . . . .	2,627
Ward 6, . . . .	2,810	Ward 2, . . . .	2,809
SALEM, . . . .	35,956	Ward 3, . . . .	2,337
Ward 1, . . . .	4,899	Ward 4, . . . .	2,604

CITIES AND WARDS.	Population 1900	CITIES AND WARDS.	Population 1900
WOBBURN — Con.		WORCESTER — Con.	
Ward 5, . . . . .	1,192	Ward 4, . . . . .	16,852
Ward 6, . . . . .	1,678	Ward 5, . . . . .	18,624
Ward 7, . . . . .	1,007	Ward 6, . . . . .	14,329
WORCESTER, . . . . .	118,421	Ward 7, . . . . .	12,852
Ward 1, . . . . .	12,889	Ward 8, . . . . .	10,004
Ward 2, . . . . .	16,502	TOTAL, . . . . .	1,880,087
Ward 3, . . . . .	16,369		

No comparative figures for the ward population can be given, as in many cases the ward boundaries have changed since 1890.

The cities which have been incorporated since 1890 are shown in the following table :

CITIES.	Date of Acceptance of Incorporation	POPULATION		INCREASE IN 1900 AS COMPARED WITH 1890	
		1890	1900	Number	Percentages
Medford, . . . . .	Oct. 6, 1892, .	11,079	18,244	+7,165	+64.67
Everett, . . . . .	July 19, 1892, .	11,068	24,336	+13,268	+119.88
Beverly, . . . . .	May 1, 1894, .	10,821	13,884	+3,063	+28.31
North Adams, . . . .	Apr. 8, 1895, .	16,074	24,200	+8,126	+50.55
Melrose, . . . . .	May 8, 1899, .	8,519	12,962	+4,443	+52.15

### *City and Town Population Contrasted.*

The aggregate population under town government is now 925,259, or 32.98 per cent of the total population of the State. Upon the same territory in 1890 there was a population of 809,082, or 36.14 per cent of the total population of the State, the increase being 116,177, or 14.36 per cent. As we have said, the entire population now under town government is 925,259, the increase for the 10 years being 14.36 per cent. The increase upon the territory now under city government for the 10 years has been 450,226, or 31.49 per cent.

### *Population by Congressional Districts.*

The population by congressional districts in detail by cities and towns is shown in Table III, pages 19-31. The aggregate

population of each district in 1900 as compared with 1890 is given in the following recapitulation :

CONGRESSIONAL DISTRICTS.	POPULATION		CONGRESSIONAL DISTRICTS.	POPULATION	
	1890	1900		1890	1900
District No. 1, . .	170,297	201,378	District No. 8, . .	-	229,041
District No. 2, . .	173,951	208,378	District No. 9, . .	-	187,941
District No. 3, . .	171,484	210,256	District No. 10, . .	-	249,587
District No. 4, . .	170,221	206,415	District No. 11, . .	-	242,350
District No. 5, . .	172,178	217,297	District No. 12, . .	171,535	206,501
District No. 6, . .	169,418	188,743	District No. 13, . .	173,068	225,706
District No. 7, . .	174,866	231,753			

The population of each district as at present constituted varies from 187,941 in district No. 9 to 249,587 in district No. 10. The widest variation in growth is found in district No. 7 which has risen from 174,866 in 1890 to 231,753 at present. If the Commonwealth is to be redivided into 14 congressional districts, the average population for each district will be 200,382.

### *Population Rank of Cities and Towns.*

The details showing the rank of the municipalities of the Commonwealth upon the basis of population are presented in Table IV on pages 31-39.

The following table shows the number of cities and towns within certain ranges of population, the total population and average population for each range, and the percentages for each range of the whole number of towns and of the total population :

RANGE OF POPULATION.	NUMBER OF CITIES AND TOWNS		TOTAL POPULATION		AVERAGE POPULATION		PERCENTAGES —			
							OF TOWNS		OF POPULA- TION	
	1890	1900	1890	1900	1890	1900	1890	1900	1890	1900
BOSTON, . . .	1	1	448,477	560,892	448,477	560,892	0.29	0.28	20.03	19.99
110,000 to 120,000,	-	1	-	118,421	-	118,421	-	0.28	-	4.22
100,000 to 110,000,	-	1	-	104,863	-	104,863	-	0.28	-	3.74
90,000 to 100,000,	-	2	-	186,855	-	93,428	-	0.57	-	6.66
80,000 to 90,000,	1	-	84,655	-	84,655	-	0.29	-	3.78	-



RANGE OF POPULATION.	NUMBER OF CITIES AND TOWNS		TOTAL POPULATION		AVERAGE POPULATION		PERCENTAGES —			
							OF TOWNS		OF POPULA- TION	
	1890	1900	1890	1900	1890	1900	1890	1900	1890	1900
70,000 to 80,000,	3	-	222,122	-	74,041	-	0.85	-	9.92	-
60,000 to 70,000,	-	5	-	317,216	-	63,443	-	1.42	-	11.31
50,000 to 60,000,	1	-	55,727	-	55,727	-	0.29	-	2.49	-
40,000 to 50,000,	4	2	169,718	85,775	42,430	42,888	1.14	0.57	7.58	3.06
30,000 to 40,000,	2	7	66,438	237,021	33,219	33,860	0.57	1.98	2.97	8.45
20,000 to 30,000,	8	6	202,161	143,803	25,270	23,967	2.28	1.70	9.03	5.13
15,000 to 20,000,	4	4	68,785	75,989	17,196	18,997	1.14	1.13	3.07	2.71
10,000 to 15,000,	13	18	157,003	220,027	12,077	12,224	3.70	5.10	7.01	7.84
5,000 to 10,000,	35	46	250,050	310,720	7,144	6,755	9.97	13.03	11.17	11.07
3,000 to 5,000,	52	44	209,793	170,163	4,034	3,867	14.81	12.47	9.37	6.06
2,500 to 3,000,	25	13	68,925	35,353	2,757	2,719	7.12	3.68	3.08	1.26
2,000 to 2,500,	23	24	50,286	53,432	2,186	2,226	6.55	6.80	2.24	1.90
1,500 to 2,000,	36	42	63,745	72,562	1,771	1,728	10.26	11.90	2.85	2.59
1,000 to 1,500,	48	47	59,053	57,429	1,230	1,222	13.67	13.32	2.64	2.05
500 to 1,000,	67	53	52,233	41,442	780	782	19.09	15.01	2.33	1.48
Under 500, . . .	28	37	9,772	13,383	349	362	7.98	10.48	0.44	0.48
TOTALS, . . .	351	353	2,238,943	2,805,346	6,379	7,947	100.00	100.00	100.00	100.00

The city of Boston, containing a population of 560,892, comprises 19.99 per cent of the entire population of the State. This percentage is slightly less than appeared in 1890. There is one city (Worcester) in the class ranging from 110,000 to 120,000, and this city contains 4.22 per cent of the entire population of the State. There is one city (Fall River) in the class ranging from 100,000 to 110,000, comprising 3.74 per cent of the total population of the State. Of the entire population of the State, therefore, 784,176 are residing in three cities ranging above the 100,000 limit. At the other extremity of the table, we find 37 towns having a population of less than 500, as compared with 28 towns in the same class in 1890; 53 having a population of 500 to 1,000, as compared with 67 in 1890; 47 having a population of 1,000 to 1,500, as compared with 48 in 1890; 42 having a population of 1,500 to 2,000, as compared with 36 in 1890; 24 having a population of 2,000 to 2,500, as compared with 23 in 1890; 13 having a population of 2,500 to 3,000, as compared with 25 in 1890; and combinations of the figures contained in the table show that 9.75 per cent of the entire population of the State were residing in 216 towns, having a population below the



3,000 limit, as compared with 13.58 per cent residing in 227 towns found in this class in 1890.

There are 22 cities in which the population ranges from 20,000 to 100,000, and in these cities 34.60 per cent of the entire population of the State is found. In cities and towns ranging from 3,000 to 20,000, 27.69 per cent of the total population is found.

*Concentration of Population.*

The following table shows the population in cities and towns located within a circle including eight miles from the State House, so presented as to show the gain in each place since 1890.

CITIES AND TOWNS.	POPULATION		Gain
	1890	1900	
BOSTON, . . . . .	448,477	560,892	112,415
CAMBRIDGE, . . . . .	70,028	91,886	21,858
CHELSEA, . . . . .	27,909	34,072	6,163
EVERETT, . . . . .	11,068	24,336	13,268
MALDEN, . . . . .	23,031	33,664	10,633
MEDFORD, . . . . .	11,079	18,244	7,165
MELROSE, . . . . .	8,519	12,962	4,443
SOMERVILLE, . . . . .	40,152	61,643	21,491
Arlington, . . . . .	5,629	8,603	2,974
Belmont, . . . . .	2,098	3,929	1,831
Brookline, . . . . .	12,103	19,935	7,832
Revere, . . . . .	5,668	10,395	4,727
Watertown, . . . . .	7,073	9,706	2,633
Winchester, . . . . .	4,861	7,248	2,387
Winthrop, . . . . .	2,726	6,058	3,332
TOTALS, . . . . .	680,421	903,573	223,152

The above table shows that in 1890 there were 680,421 persons included on territory within eight miles of the State House. The increase in 1900 brings this population to 903,573, a gain of 223,152, or 32.80 per cent.

The following table extends the circle so as to comprise cities and towns within 10 miles of the State House :

CITIES AND TOWNS.	POPULATION		Gain
	1890	1900	
BOSTON, . . . . .	448,477	560,892	112,415
CAMBRIDGE, . . . . .	70,028	91,886	21,858
CHELSEA, . . . . .	27,909	34,072	6,163
EVERETT, . . . . .	11,068	24,336	13,268
LYNN, . . . . .	55,727	68,513	12,786
MALDEN, . . . . .	23,031	33,664	10,633
MEDFORD, . . . . .	11,079	18,244	7,165
MELROSE, . . . . .	8,519	12,962	4,443
NEWTON, . . . . .	24,379	33,587	9,208
QUINCY, . . . . .	16,723	23,899	7,176
SOMERVILLE, . . . . .	40,152	61,643	21,491
WALTHAM, . . . . .	18,707	23,481	4,774
WOBURN, . . . . .	13,499	14,254	755
Arlington, . . . . .	5,629	8,603	2,974
Belmont, . . . . .	2,098	3,929	1,831
Brookline, . . . . .	12,103	19,935	7,832
Dedham, . . . . .	7,123	7,457	334
Hyde Park, . . . . .	10,193	13,244	3,051
Lexington, . . . . .	3,197	3,831	634
Milton, . . . . .	4,278	6,578	2,300
Nahant, . . . . .	880	1,152	272
Needham, . . . . .	3,035	4,016	981
Revere, . . . . .	5,668	10,395	4,727
Saugus, . . . . .	3,673	5,084	1,411
Stoneham, . . . . .	6,155	6,197	42
Swampscott, . . . . .	3,198	4,548	1,350
Wakefield, . . . . .	6,982	9,290	2,308
Watertown, . . . . .	7,073	9,706	2,633
Winchester, . . . . .	4,861	7,248	2,387
Winthrop, . . . . .	2,726	6,058	3,332
TOTALS, . . . . .	858,170	1,128,704	270,534

The cities and towns included in this table comprise the so-called Metropolitan District, or Greater Boston, as that term is commonly employed. The total population in 1900 within this area is 1,128,704, as compared with 858,170 in 1890, a gain of 270,534, or 31.52 per cent.

If the circle be enlarged to comprise cities and towns within 12 miles of the State House, the following table results :

CITIES AND TOWNS.	POPULATION		Gain
	1890	1900	
BOSTON, . . . . .	448,477	560,892	112,415
CAMBRIDGE, . . . . .	70,028	91,886	21,858
CHELSEA, . . . . .	27,909	34,072	6,163
EVERETT, . . . . .	11,068	24,336	13,268
LYNN, . . . . .	55,727	68,513	12,786
MALDEN, . . . . .	23,031	33,664	10,633
MEDFORD, . . . . .	11,079	18,244	7,165
MELROSE, . . . . .	8,519	12,962	4,443
NEWTON, . . . . .	24,379	33,587	9,208
QUINCY, . . . . .	16,723	23,899	7,176
SOMERVILLE, . . . . .	40,152	61,643	21,491
WALTHAM, . . . . .	18,707	23,481	4,774
WOBURN, . . . . .	13,499	14,254	755
Arlington, . . . . .	5,629	8,603	2,974
Belmont, . . . . .	2,098	3,929	1,831
Braintree, . . . . .	4,848	5,981	1,133
Brookline, . . . . .	12,103	19,935	7,832
Dedham, . . . . .	7,123	7,457	334
Hull, . . . . .	989	1,703	714
Hyde Park, . . . . .	10,193	13,244	3,051
Lexington, . . . . .	3,197	3,831	634
Lynnfield, . . . . .	787	888	101
Milton, . . . . .	4,278	6,578	2,300
Nahant, . . . . .	880	1,152	272
Needham, . . . . .	3,035	4,016	981
Reading, . . . . .	4,088	4,969	881
Revere, . . . . .	5,668	10,395	4,727
Saugus, . . . . .	3,673	5,084	1,411
Stoneham, . . . . .	6,155	6,197	42
Swampscott, . . . . .	3,198	4,548	1,350
Wakefield, . . . . .	6,982	9,290	2,308
Watertown, . . . . .	7,073	9,706	2,633
Wellesley, . . . . .	3,600	5,072	1,472
Winchester, . . . . .	4,861	7,248	2,387
Winthrop, . . . . .	2,726	6,058	3,332
TOTALS, . . . . .	872,482	1,147,317	274,835

The cities and towns within a 12-mile circle had in 1890 a population of 872,482; the increase carries the figures to 1,147,317 in 1900, a gain of 274,835, or 31.50 per cent. The population upon this territory now comprises 40.90 per cent of the entire population of the State.

*Estimated Population to 1910.*

To enable calculations of population to be made for years between census periods, the following table is inserted, containing an estimate for all years between 1900 and 1910. The figures contained in this table are estimated upon a purely mathematical basis, except for the year 1900.

YEARS.	Population	YEARS.	Population
1900, . . . . .	2,805,346	1906, . . . . .	3,259,059
1901, . . . . .	2,876,321	1907, . . . . .	3,341,513
1902, . . . . .	2,949,092	1908, . . . . .	3,426,053
1903, . . . . .	3,023,704	1909, . . . . .	3,512,732
1904, . . . . .	3,100,204	1910, . . . . .	3,601,604
1905, . . . . .	3,178,639		

*Comparisons of Population in Classified Industrial Districts.*

As the growth in the population of the Commonwealth is largely due to the prosperity and development of its industries, we present a series of tables comparing the population of certain leading industrial cities and towns.

The first relates to places in which the manufacture of textiles is either the principal or an important industry.

CITIES AND TOWNS.	POPULATION		INCREASE (+), OR DECREASE (-), IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
Adams, . . . . .	9,213	11,134	+1,921	+20.85
Andover, . . . . .	6,142	6,813	+671	+10.92
CHICOPEE, . . . . .	14,050	19,167	+5,117	+36.42
Clinton, . . . . .	10,424	13,667	+3,243	+31.11
Dracut, . . . . .	1,996	3,253	+1,257	+62.98
Dudley, . . . . .	2,944	3,553	+609	+20.69
FALL RIVER, . . . . .	74,398	104,863	+30,465	+40.95
FITCHBURG, . . . . .	22,037	31,531	+9,494	+43.08
Grafton, . . . . .	5,002	4,869	-133	-2.66
Ipswich, . . . . .	4,439	4,658	+219	+4.93
LAWRENCE, . . . . .	44,654	62,559	+17,905	+40.10
Leicester, . . . . .	3,120	3,416	+296	+9.49

CITIES AND TOWNS.	POPULATION		INCREASE (+), OR DECREASE (-), IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
LOWELL, . . . . .	77,696	94,969	+17,273	+22.23
Ludlow, . . . . .	1,939	3,536	+1,597	+82.36
Methuen, . . . . .	4,814	7,512	+2,698	+56.04
Millbury, . . . . .	4,428	4,460	+32	+0.72
NEW BEDFORD, . . . . .	40,733	62,442	+21,709	+53.30
NORTH ADAMS, . . . . .	16,074	24,200	+8,126	+50.55
Northbridge, . . . . .	4,603	7,036	+2,433	+52.86
Palmer, . . . . .	6,520	7,801	+1,281	+19.65
PITTSFIELD, . . . . .	17,281	21,766	+4,485	+25.95
Southbridge, . . . . .	7,655	10,025	+2,370	+30.96
TAUNTON, . . . . .	25,448	31,036	+5,588	+21.96
Ware, . . . . .	7,329	8,263	+934	+12.74
Warren, . . . . .	4,681	4,417	-264	-5.64
Webster, . . . . .	7,031	8,804	+1,773	+25.22
Westford, . . . . .	2,250	2,624	+374	+16.62
TOTALS, . . . . .	426,901	568,374	+141,473	+33.14

The population of the cities and towns included in the foregoing table was 426,901 in 1890, rising to 568,374 in 1900, a gain of 33.14 per cent.

The important cities and towns devoted to the manufacture of boots and shoes appear in the next table.

CITIES AND TOWNS.	POPULATION		INCREASE (-), OR DECREASE (-), IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
Abington, . . . . .	4,260	4,489	+229	+5.38
Athol, . . . . .	6,319	7,061	+742	+11.74
BEVERLY, . . . . .	10,821	13,884	+3,063	+28.31
Braintree, . . . . .	4,848	5,981	+1,133	+23.37
BROCKTON, . . . . .	27,294	40,063	+12,769	+46.78
Brookfield, . . . . .	3,352	3,062	-290	-8.65
Danvers, . . . . .	7,454	8,542	+1,088	+14.60
HAVERHILL, . . . . .	27,412	37,175	+9,763	+35.62
Hudson, . . . . .	4,670	5,454	+784	+16.79
LYNN, . . . . .	55,727	68,513	+12,786	+22.94
Marblehead, . . . . .	8,202	7,582	-620	-7.56
MARLBOROUGH, . . . . .	13,805	13,609	-196	-1.42
Milford, . . . . .	8,780	11,376	+2,596	+29.57

CITIES AND TOWNS.	POPULATION		INCREASE (+), OR DECREASE (-), IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
Natick, . . . . .	9,118	9,488	+370	+4.06
NEWBURYPORT, . . . .	13,947	14,478	+531	+3.81
North Brookfield, . . .	3,871	4,587	+716	+18.50
Rockland, . . . . .	5,213	5,327	+114	+2.19
SALEM, . . . . .	30,801	35,956	+5,155	+16.74
Spencer, . . . . .	8,747	7,627	-1,120	-12.80
Stoneham, . . . . .	6,155	6,197	+42	+0.68
Stoughton, . . . . .	4,852	5,442	+590	+12.16
Weymouth, . . . . .	10,866	11,324	+458	+4.21
Whitman, . . . . .	4,441	6,155	+1,714	+38.59
TOTALS, . . . . .	280,955	333,372	+52,417	+18.66

The cities and towns grouped in the preceding table contained a population of 280,955 in 1890, rising to 333,372 in 1900, a gain of 18.66 per cent.

The cities and towns in which the manufacture of leather is the principal industry are grouped in the next table.

CITIES AND TOWNS.	POPULATION		INCREASE IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
Peabody, . . . . .	10,158	11,523	+1,365	+13.44
Winchester, . . . . .	4,861	7,248	+2,387	+49.11
WOBURN, . . . . .	13,499	14,254	+755	+5.59
TOTALS, . . . . .	28,518	33,025	+4,507	+15.80

Two towns and one city are included in the foregoing table, and in these the population was 28,518 in 1890, rising to 33,025 in 1900, a gain of 15.80 per cent.

The next table presents the cities and towns largely devoted to the manufacture of paper.



CITIES AND TOWNS.	POPULATION		INCREASE (+), OR DECREASE (-), IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
Dalton, . . . . .	2,885	3,014	+129	+4.47
HOLYOKE, . . . . .	35,637	45,712	+10,075	+28.27
Montague, . . . . .	6,296	6,150	-146	-2.32
Pepperell, . . . . .	3,127	3,701	+574	+18.36
West Springfield, . . . . .	5,077	7,105	+2,028	+39.94
TOTALS, . . . . .	53,022	65,682	+12,660	+23.88

The population of the cities and towns included in the above table was 53,022 in 1890, rising to 65,682 in 1900, a gain of 23.88 per cent.

The next table includes certain cities and towns which cannot be said to have any one distinctive industry, but which are largely engaged in manufacturing.

CITIES AND TOWNS.	POPULATION		INCREASE (+), OR DECREASE (-), IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
Amesbury, . . . . .	9,798	9,473	-325	-3.32
Attleborough, . . . . .	7,577	11,335	+3,758	+49.60
Blackstone, . . . . .	6,138	5,721	-417	-6.79
Easthampton, . . . . .	4,395	5,603	+1,208	+27.49
Gardner, . . . . .	8,424	10,813	+2,389	+28.36
Greenfield, . . . . .	5,252	7,927	+2,675	+50.93
Leominster, . . . . .	7,269	12,392	+5,123	+70.48
Maynard, . . . . .	2,700	3,142	+442	+16.37
North Attleborough, . . . . .	6,727	7,253	+526	+7.82
NORTHAMPTON, . . . . .	14,990	18,643	+3,653	+24.37
Westfield, . . . . .	9,805	12,310	+2,505	+25.55
Winchendon, . . . . .	4,390	5,001	+611	+13.92
TOTALS, . . . . .	87,465	109,613	+22,148	+25.32

The population of the 12 cities and towns presented in this group is 109,613 as against 87,465 in 1890, a gain of 25.32 per cent.

The several groups are brought together in the following recapitulation :

CLASSIFICATION OF INDUSTRIES.	POPULATION		INCREASE IN 1900 AS COMPARED WITH 1890	
	1890	1900	Number	Percentages
Textiles, . . . . .	426,901	568,374	141,473	33.14
Boots and shoes, . . . . .	280,955	333,372	52,417	18.66
Paper, . . . . .	53,022	65,682	12,660	23.88
Leather, . . . . .	28,518	33,025	4,507	15.80
Miscellaneous, . . . . .	87,465	109,613	22,148	25.32

Each group covered by the preceding tables shows an increase of population in 1900 as compared with 1890, the percentage of gain in the different groups being as follows: Textiles, 33.14; Paper, 23.88; Boots and Shoes, 18.66; Leather, 15.80; Miscellaneous, 25.32.

It should be explained that the grouping of the cities and towns under the industrial heads in the preceding tables has been made somewhat arbitrarily. In many cases the places have diversified industries or are engaged in important lines other than those mentioned, and in others the availability of the cities or towns as places of residence as well as their industrial development has promoted their growth. There are a number of municipalities within the Metropolitan District of which Boston is the centre which are largely engaged in manufacturing, but which have not been included in any of these groups, for the reason that their growth is due in a great measure to their proximity to Boston, and to their selection as places of residence for persons who are employed in that city. The city of Boston itself contains a considerable number of manufacturing establishments in various industries among which the production of clothing is important.

*Special Presentations for the City of Boston.*

We present for the city of Boston a table showing the population by wards and precincts in 1900, and figures permitting comparisons with the State Census of 1895.

WARDS AND PRECINCTS.	POPULATION		WARDS AND PRECINCTS.	POPULATION	
	1895	1900		1895	1900
BOSTON.	496,920	560,892	BOSTON — Con.		
Ward 1, . . .	21,007	22,832	Ward 6, . . .	27,860	30,546
Precinct 1, . .	1,905	1,749	Precinct 1, . .	3,151	3,233
Precinct 2, . .	1,534	1,879	Precinct 2, . .	3,210	3,959
Precinct 3, . .	2,436	2,574	Precinct 3, . .	4,038	3,770
Precinct 4, . .	2,048	2,459	Precinct 4, . .	3,945	5,209
Precinct 5, . .	2,595	2,725	Precinct 5, . .	4,738	4,982
Precinct 6, . .	3,532	3,456	Precinct 6, . .	2,702	1,222
Precinct 7, . .	3,018	3,329	Precinct 7, . .	2,169	4,829
Precinct 8, . .	1,970	3,039	Precinct 8, . .	3,907	3,342
Precinct 9, . .	1,969	1,622	Ward 7, . . .	16,973	14,782
Ward 2, . . .	21,588	22,924	Precinct 1, . .	*2,628	1,731
Precinct 1, . .	2,542	2,961	Precinct 2, . .	2,861	2,655
Precinct 2, . .	1,967	2,280	Precinct 3, . .	2,979	2,997
Precinct 3, . .	2,114	2,030	Precinct 4, . .	2,828	2,307
Precinct 4, . .	2,197	2,353	Precinct 5, . .	2,627	2,798.
Precinct 5, . .	2,047	2,232	Precinct 6, . .	*3,050	2,294
Precinct 6, . .	2,722	2,506	Ward 8, . . .	23,130	28,817
Precinct 7, . .	2,907	2,935	Precinct 1, . .	3,283	4,958
Precinct 8, . .	5,092	5,627	Precinct 2, . .	3,589	5,404
Ward 3, . . .	13,943	14,564	Precinct 3, . .	3,366	2,520
Precinct 1, . .	1,781	1,779	Precinct 4, . .	4,695	4,613
Precinct 2, . .	2,370	2,354	Precinct 5, . .	4,524	5,941
Precinct 3, . .	1,912	2,118	Precinct 6, . .	3,673	5,381
Precinct 4, . .	2,837	2,690	Ward 9, . . .	23,174	24,583
Precinct 5, . .	2,506	2,716	Precinct 1, . .	3,954	4,235
Precinct 6, . .	2,537	2,907	Precinct 2, . .	3,038	3,986
Ward 4, . . .	13,375	13,248	Precinct 3, . .	3,464	3,913
Precinct 1, . .	2,361	2,255	Precinct 4, . .	3,205	3,584
Precinct 2, . .	1,909	2,026	Precinct 5, . .	3,426	3,073
Precinct 3, . .	2,273	2,376	Precinct 6, . .	2,782	2,849
Precinct 4, . .	2,264	2,340	Precinct 7, . .	3,305	2,943
Precinct 5, . .	2,658	2,358	Ward 10, . . .	22,554	22,142
Precinct 6, . .	1,910	1,893	Precinct 1, . .	2,559	2,057
Ward 5, . . .	12,986	12,840	Precinct 2, . .	2,705	2,462
Precinct 1, . .	1,626	1,919	Precinct 3, . .	2,170	2,161
Precinct 2, . .	1,730	2,076	Precinct 4, . .	1,947	2,129
Precinct 3, . .	2,474	2,050	Precinct 5, . .	2,112	1,683
Precinct 4, . .	1,460	1,302	Precinct 6, . .	2,512	2,065
Precinct 5, . .	2,699	2,266	Precinct 7, . .	2,952	3,314
Precinct 6, . .	2,997	3,227	Precinct 8, . .	2,842	3,751
			Precinct 9, . .	2,755	2,515

\* The lines of these precincts have been changed since 1895.

WARDS AND PRECINCTS.	POPULATION		WARDS AND PRECINCTS.	POPULATION	
	1895	1900		1895	1900
BOSTON — Con.			BOSTON — Con.		
Ward 11, . . .	19,930	19,275	Ward 15 — Con.		
Precinct 1, . .	2,105	2,261	Precinct 6, . .	2,172	2,121
Precinct 2, . .	2,242	2,853	Precinct 7, . .	2,244	2,923
Precinct 3, . .	2,223	2,783	Precinct 8, . .	2,245	2,519
Precinct 4, . .	2,256	1,943	Ward 16, . . .	16,320	20,017
Precinct 5, . .	2,335	1,655	Precinct 1, . .	2,389	2,291
Precinct 6, . .	2,251	1,547	Precinct 2, . .	2,365	3,060
Precinct 7, . .	2,324	2,021	Precinct 3, . .	2,359	3,547
Precinct 8, . .	2,239	1,969	Precinct 4, . .	2,370	2,599
Precinct 9, . .	1,955	2,243	Precinct 5, . .	2,327	2,752
Ward 12, . . .	21,591	23,641	Precinct 6, . .	2,244	2,221
Precinct 1, . .	2,894	3,633	Precinct 7, . .	2,266	3,547
Precinct 2, . .	2,893	3,024	Ward 17, . . .	21,114	25,038
Precinct 3, . .	2,954	2,276	Precinct 1, . .	2,446	3,634
Precinct 4, . .	3,042	3,405	Precinct 2, . .	2,426	2,408
Precinct 5, . .	3,129	2,779	Precinct 3, . .	2,455	1,976
Precinct 6, . .	3,339	4,910	Precinct 4, . .	2,443	2,771
Precinct 7, . .	3,340	3,614	Precinct 5, . .	2,433	2,487
Ward 13, . . .	24,900	22,835	Precinct 6, . .	2,314	2,558
Precinct 1, . .	3,678	3,279	Precinct 7, . .	2,069	2,889
Precinct 2, . .	4,230	2,945	Precinct 8, . .	2,317	4,070
Precinct 3, . .	2,777	2,588	Precinct 9, . .	2,211	2,245
Precinct 4, . .	2,965	2,839	Ward 18, . . .	21,679	22,401
Precinct 5, . .	2,829	2,928	Precinct 1, . .	3,783	3,174
Precinct 6, . .	2,697	2,295	Precinct 2, . .	3,347	3,826
Precinct 7, . .	2,821	2,883	Precinct 3, . .	3,806	3,616
Precinct 8, . .	2,903	3,078	Precinct 4, . .	3,782	4,064
Ward 14, . . .	19,186	21,453	Precinct 5, . .	3,258	3,651
Precinct 1, . .	3,209	3,804	Precinct 6, . .	3,703	4,070
Precinct 2, . .	2,572	2,707	Ward 19, . . .	22,372	27,178
Precinct 3, . .	1,652	1,800	Precinct 1, . .	3,049	3,732
Precinct 4, . .	2,057	1,984	Precinct 2, . .	2,839	3,149
Precinct 5, . .	2,238	2,738	Precinct 3, . .	3,328	3,601
Precinct 6, . .	2,333	2,356	Precinct 4, . .	2,448	2,930
Precinct 7, . .	2,855	3,342	Precinct 5, . .	2,690	2,397
Precinct 8, . .	2,270	2,722	Precinct 6, . .	2,752	3,121
Ward 15, . . .	18,623	19,700	Precinct 7, . .	2,794	4,250
Precinct 1, . .	2,409	2,109	Precinct 8, . .	2,472	3,998
Precinct 2, . .	2,340	3,071	Ward 20, . . .	21,528	32,556
Precinct 3, . .	2,537	2,794	Precinct 1, . .	3,163	4,472
Precinct 4, . .	2,345	2,040	Precinct 2, . .	2,554	4,028
Precinct 5, . .	2,331	2,123			

WARDS AND PRECINCTS.	POPULATION		WARDS AND PRECINCTS.	POPULATION	
	1895	1900		1895	1900
BOSTON — Con.			BOSTON — Con.		
Ward 20 — Con.			Ward 21 — Con.		
Precinct 3, . .	2,522	3,052	Precinct 8, . .	2,219	3,258
Precinct 4, . .	2,855	3,369	Precinct 9, . .	2,365	3,139
Precinct 5, . .	2,279	4,976			
Precinct 6, . .	2,380	4,298	Ward 22, . .	22,289	25,610
Precinct 7, . .	2,471	3,968	Precinct 1, . .	3,131	4,230
Precinct 8, . .	3,304	4,393	Precinct 2, . .	2,390	3,211
			Precinct 3, . .	2,911	2,620
Ward 21, . .	19,274	23,868	Precinct 4, . .	2,605	3,490
Precinct 1, . .	2,028	2,659	Precinct 5, . .	2,576	3,809
Precinct 2, . .	2,014	2,593	Precinct 6, . .	3,047	2,427
Precinct 3, . .	2,134	1,533	Precinct 7, . .	2,827	2,567
Precinct 4, . .	2,141	2,276	Precinct 8, . .	2,802	3,256
Precinct 5, . .	2,131	2,567			
Precinct 6, . .	2,093	2,871	Ward 23, . .	18,283	23,637
Precinct 7, . .	2,149	2,972	Precinct 1, . .	1,364	1,794

In order to show the changes in the population of the different districts comprising the city, we insert next a table showing the growth of the metropolis on its original territory and

	CENSUS YEARS.	Census taken by —	Boston, including Annexations	* Boston Proper: Settled, 1630; Made a City, 1822	Annexed Territory	ANNEXATIONS	
						East Boston (1637)	The Islands (See Notes)
1	1638, . . .	—	—	a 150	—	—	—
2	1675, . . .	—	—	a 4,000	—	—	—
3	1698, . . .	—	—	a 7,000	—	—	—
4	1704, . . .	—	—	a 6,750	—	—	—
5	1720, . . .	—	—	a 11,000	—	—	—
6	1722, . . .	Town,	—	10,567	—	—	—
7	1742, . . .	Town,	—	16,382	—	—	—
8	1752, . . .	Town,	—	15,731	—	—	—
9	1765, . . .	Province,	—	15,520	—	—	—
10	1775, . . .	Gen. Gage,	—	6,573	—	—	—
11	1776, . . .	Province,	—	2,719	—	—	—
12	1781, . . .	Province,	—	b 10,000	—	—	—
13	1784, . . .	Province,	—	b 15,870	—	—	—
14	1789, . . .	Town,	—	c 17,880	—	—	—

\* By Boston Proper is meant the territory of Boston, independent of all annexations.

a Estimates made in the years named. Those for 1675 and 1698 were probably too large.



WARDS AND PRECINCTS.	POPULATION		WARDS AND PRECINCTS.	POPULATION	
	1895	1900		1895	1900
BOSTON — Con.			BOSTON — Con.		
Ward 23 — Con.			Ward 24 — Con.		
Precinct 2, . . .	1,994	2,806	Precinct 5, . . .	2,045	2,238
Precinct 3, . . .	2,447	2,639	Precinct 6, . . .	2,041	2,321
Precinct 4, . . .	*2,871	3,016	Precinct 7, . . .	2,046	3,667
Precinct 5, . . .	*2,825	3,986	Precinct 8, . . .	2,118	4,596
Precinct 6, . . .	*1,955	2,938	Precinct 9, . . .	2,094	2,872
Precinct 7, . . .	1,447	2,053			
Precinct 8, . . .	*2,153	2,475	Ward 25, . . .	15,001	19,279
Precinct 9, . . .	1,227	1,930	Precinct 1, . . .	1,889	3,674
			Precinct 2, . . .	1,949	2,679
Ward 24, . . .	18,240	27,126	Precinct 3, . . .	2,037	2,124
Precinct 1, . . .	2,041	2,845	Precinct 4, . . .	2,455	2,942
Precinct 2, . . .	1,953	2,286	Precinct 5, . . .	2,308	2,372
Precinct 3, . . .	2,091	3,936	Precinct 6, . . .	2,056	3,034
Precinct 4, . . .	1,811	2,315	Precinct 7, . . .	2,307	2,454

\* The lines of these precincts have been changed since 1895.

by annexation. This table was prepared originally by the Department in 1882, and is now brought forward to include the census figures of 1900.

ANNEXATIONS							
South Boston (1804)	Washington Village (1855)	Roxbury (1867)	Dorchester (1869)	West Roxbury (1873)	Brighton (1873)	Charlestown (1873)	
-	-	-	-	-	-	-	1
-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	3
-	-	-	-	-	-	-	4
-	-	-	-	-	-	-	5
-	-	-	-	-	-	-	6
-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	8
-	-	1,487	1,360	-	-	2,031	9
-	-	-	-	-	-	-	10
-	-	1,433	1,513	-	-	360	11
-	-	b 1,650	b 1,840	-	-	b 725	12
-	-	b 2,150	b 2,060	-	-	b 1,340	13
-	-	-	-	-	-	-	14

b Estimates based on censuses of polls.

c Estimate based on actual number of houses in 1789, and the average persons to a house, as shown by the U. S. Census of 1790.



	CENSUS YEARS.	Census taken by—	Boston, including Annexations	* Boston Proper: Settled, 1630; Made a City, 1822	Annexed Territory	ANNEXATIONS	
						East Boston (1637)	The Islands (See Notes)
1	1790, . . .	U. S.,	18,320	18,038	282	—	282
2	1800, . . .	U. S.,	24,937	24,655	282	—	<i>b</i> 282
3	1810, . . .	U. S.,	33,787	32,896	891	18	519
4	1820, . . .	U. S.,	43,298	—	—	—	—
5	1825, . . .	City,	58,277	56,003	2,274	24	264
6	1830, . . .	U. S.,	61,392	—	—	—	—
7	1835, . . .	City,	78,603	72,057	6,546	607	344
8	1840, . . .	U. S.,	<i>a</i> 93,383	85,475	7,908	1,455	277
9	1845, . . .	City,	114,366	99,036	15,330	5,018	292
10	1850, . . .	U. S.,	136,881	113,721	23,160	9,526	325
11	1855, . . .	State,	160,490	126,296	34,194	15,433	<i>b</i> 530
12	1860, . . .	U. S.,	177,840	133,563	44,277	18,356	<i>b</i> 1,000
13	1865, . . .	State,	192,318	141,083	51,235	20,572	<i>b</i> 1,300
14	1870, . . .	U. S.,	250,526	138,781	111,745	23,816	<i>b</i> 1,700
15	1875, . . .	State,	341,919	140,669	201,250	27,420	1,927
16	1880, . . .	U. S.,	362,839	147,075	215,764	<i>f</i> 28,381	<i>g</i> 1,545
17	1885, . . .	State,	390,393	147,138	243,255	<i>f</i> 29,280	<i>g</i> 2,139
18	1890, . . .	U. S.,	448,477	161,330	287,147	36,930	<i>h</i> —
19	1895, . . .	State,	496,920	160,349	336,571	39,889	<i>g</i> 2,706
20	1900, . . .	U. S.,	560,892	167,257	393,635	43,478	<i>g</i> 2,278

\* By Boston Proper is meant the territory of Boston, independent of all annexations.

*a* By the census of May, 1840, the population of Boston was 84,401. Mr. Shattuck, in his report on the census of Boston for 1845, shows clearly that the U. S. Census of 1840 was incorrect.

*b* Estimated.

*c* Included also in the population of Dorchester in this year. After 1855, Washington Village is included in South Boston.

*d* The population of South Boston could not be stated definitely for 1875, because the wards including South Boston also included a part of Boston Proper. The figures given are very close, however.

*e* The territory of Roxbury and Dorchester was not kept intact by ward boundaries in the ward division of 1875; it is difficult, therefore, to give the exact population of each district by the census of 1880. The figures given are the result of very careful study of the population by census enumeration districts, of which there were 208 in Boston for the U. S. Census of 1880.

*f* The population, as usually given in census tables, includes that of the islands in the harbor.

*g* For the separate islands as follows: 1880—Breed's, 152; Deer, 851; Gallop, 5; Rainsford, 187; Long, 49; Lovell, 5; Spectacle, 53; Thompson's, 106; Fort Independence, 13; Fort Warren, 112; Fort Winthrop, 12. 1885—Breed's, 348; Deer, 1,145; Gallop, 6; Rainsford, 204; Long, 81; Lovell, 7; Spectacle, 61; Thompson's, 122; Fort Independence, 11; Fort Warren, 129; Fort Winthrop, 25. 1895—Breed's, included in East Boston; Deer, 1,620; Gallop, 6; Rainsford, 83; Long, 612; Lovell, 3; Spectacle, 94; Thompson's, 119; Fort Independence, 2;

The population of the different districts of the city in 1900 is summarized in the following recapitulation so as to show

ANNEXATIONS							
South Boston (1804)	Washington Village (1855)	Roxbury (1867)	Dorchester (1869)	West Roxbury (1873)	Brighton (1873)	Charlestown (1873)	
-	-	2,226	1,722	-	-	1,583	1
-	-	2,765	2,347	-	-	2,751	2
354	-	3,669	2,930	-	608	4,959	3
-	-	4,135	3,684	-	702	6,591	4
1,986	-	-	-	-	-	-	5
-	-	5,247	4,074	-	972	8,783	6
5,595	-	-	-	-	-	-	7
6,176	-	9,089	4,875	-	1,425	11,484	8
10,020	-	-	-	-	-	-	9
13,309	-	18,364	7,969	-	2,356	17,216	10
16,912	<i>c</i> 1,319	18,469	8,340	4,812	2,895	21,700	11
24,921	-	25,137	9,769	6,310	3,375	25,065	12
29,363	-	28,426	10,717	6,912	3,854	26,399	13
39,215	-	34,753	12,261	8,686	4,967	28,323	14
<i>d</i> 54,147	-	50,429	15,788	11,783	6,200	33,556	15
56,369	-	<i>e</i> 57,123	<i>e</i> 17,890	14,032	6,693	33,731	16
61,534	-	65,965	20,717	17,424	8,523	37,673	17
66,791	-	78,411	29,638	24,997	12,032	38,348	18
67,913	-	92,088	45,909	32,761	15,001	40,304	19
†67,809	-	†105,393	†77,483	†37,263	19,279	40,652	20

Fort Warren, 164; Fort Winthrop, 3. 1900 — Breed's, included in East Boston; Deer, 1,081; Rainsford, 132; Long, 707; Spectacle, 78; Thompson's, 117; Fort Warren, 152; forts not specified, 11.

*h* Included in East Boston.

† The figures presented for South Boston, Dorchester, Roxbury, and West Roxbury are carefully made up to cover the geographical area originally belonging to each subdivision. The lines enabling this to be done were not exactly observed in the censuses of 1875, 1880, 1885, 1890, or 1895. In each of these years, therefore, the population of the subdivisions, as stated in the table, is approximate only, inasmuch as the area considered under each head was approximate.

As future presentations can also be made on exact lines, it seemed advisable to conform to them now, although the comparisons of the figures between 1875 and 1900 are obviously affected by the fact that in 1900 the figures conform to the exact original areas. If the same territory was assigned to each division in 1900 as was done in 1895, the present figures would be: South Boston, 70,161; Dorchester, 64,648; West Roxbury, 42,407; Roxbury, 110,732; instead of those given in the table.

The comparisons resulting from the correction of areas in the table, therefore, indicate a larger increase for the five years in Dorchester, and a smaller gain in Roxbury and West Roxbury than has taken place on the territory that was included under those names in 1895, and to an extent in previous years, beginning with 1875. In South Boston, for the same reason, there appears to be a loss between 1895 and 1900, which is not found when identical areas are compared.

the percentages of population of the entire city found in the different territorial districts.

DIVISIONS OF BOSTON.	Population	Percentages
The City Proper, . . . . .	167,257	29.82
East Boston (including the islands), . . .	45,756	8.16
South Boston, . . . . .	67,809	12.09
Dorchester, . . . . .	77,483	13.81
West Roxbury, . . . . .	37,263	6.64
Brighton, . . . . .	19,279	3.44
Charlestown, . . . . .	40,652	7.25
Roxbury, . . . . .	105,393	18.79
THE CITY, . . . . .	560,892	100.00

By the returns of the recent census, the City Proper contains 29.82 per cent of the population of the city ; East Boston (including the islands), 8.16 per cent ; South Boston, 12.09 per cent ; Dorchester, 13.81 per cent ; West Roxbury, 6.64 per cent ; Brighton, 3.44 per cent ; Charlestown, 7.25 per cent ; Roxbury, 18.79 per cent.

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PART II.

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THE INSURANCE OF WORKINGMEN.

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## PART II.

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### THE INSURANCE OF WORKINGMEN.

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This Part has been prepared under a Resolve of the Legislature instructing the Bureau to investigate “the subject of labor and co-operative insurance,” and directing it to present such data and statistics as it might be able to obtain, either in this country or abroad, concerning provisions for securing to employes either a share of profits or sick or mortuary benefits, or annuities, after a certain period of employment, or after reaching a certain age.

The subject of profit sharing, independent of any system of insurance or annuities, has already formed the text of a report issued by the Bureau.\* We have interpreted the present resolve as especially relating to schemes or methods by which workingmen are protected against certain contingencies affecting their employment, *i.e.*, sickness, accidents, death, or invalidity. When the funds for such purposes are wholly or in part supported by the contributions of employers out of the proceeds of the business, they are in a sense forms of indirect profit sharing, or may be so considered. In general, all such plans, without regard to the sources from which the funds are derived, fall under the subject of “labor and co-operative (*i.e.*, mutual) insurance,” or, as it is usually termed, “workingmen’s insurance.”

This kind of insurance of workingmen, as a special subject, and as we are to consider it here, does not usually include insurance against death, unless death results as a contingency of employment; for example, follows an accident incidental to the occupation. It is confined to risks especially borne by workingmen, affecting their ability to labor, and not the ordinary risks of death to which everybody is subject, and, except incidentally, it has nothing to do with life insurance.

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\* Part II. — Seventeenth Annual Report. 1886.



Except theoretically, workingmen's insurance, as thus defined, has as yet attracted little attention in this country. On the other hand, there is no European country in which the factory system prevails, or in which modern industrial methods have become general, that has not taken up the subject and endeavored to work out some practical solution of its problems. The solution may involve an elaborate system of obligatory insurance, directed and partly supported by the State, as in Germany; or an entirely voluntary system more or less affected by a stringent employers' liability law, as in England; or a system which while voluntary is safeguarded by State institutions and aided by State funds, as in France. Whatever the solution, the importance of the problem is everywhere recognized there, and it has received the careful attention and best thought of legislators, employers, workingmen, and students of the social question generally. That it will demand greater consideration in the United States in the future may be expected.

Wherever the insurance of workingmen has become the subject of legislation abroad, the effort is constantly directed toward perfecting the statutes in the light of experience. This, of course, leads to progressive legislation, the law is constantly changing, and, even since we have begun the preparation of this report, important modifications have been made, which have been incorporated in the text. The statistics presented are the latest obtainable, although the delay in the publication of the annual statements of the various funds and associations, and the impossibility of obtaining them promptly here, prevents bringing the figures down to date. This does not materially affect the value of the report, however.

The volume on Workingmen's Insurance by Mr. Willoughby, recently published,\* is a clear and full presentation of the theory of the subject and of its development historically. Its publication makes it possible to omit much that might legitimately find place here.

With respect to the German State system of workingmen's insurance, the Fourth Special Report of the Commissioner of

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\* Workingmen's Insurance, by William Franklin Willoughby. New York, T. Y. Crowell & Co., 1898.

Labor of the United States\* is exhaustive, and our references to Germany are therefore much briefer than the importance of the conditions existing in that country would otherwise deserve. They are simply sufficient to enable the reader to understand the general features of the law as modified by the recent changes in it, and to compare them with the systems existing elsewhere.

The data and statistics collected by the Bureau under the Resolve are presented as follows :

Section I. — General Review of Workingmen's Insurance.

Section II. — Summary of Provisions relating to Workingmen's Insurance in Europe.

Section III. — Employers' Insurance Schemes in England.

Section IV. — Employers' Accident and Annuity Schemes in France.

Conclusion.

The material contained in Section I is from a monograph by Monsieur Maurice Bellom, of Paris† (translated by the Bureau), placed at the disposal of the Bureau by the kind permission of the author and of the Statistical Society of Paris, to whom it was originally communicated, and to each of whom our thanks are due. M. Bellom is a careful student of the subject and his review covers briefly the present status of workingmen's insurance abroad, while his observations as to the effect of such insurance upon employers, employés, and the general welfare, are worthy of consideration. In our translation his paper has been somewhat condensed, and certain portions omitted as either not pertinent to our inquiry or because covered elsewhere in our report. The omitted portions relate particularly to the operations of the assessment insurance orders in the United States, and to the industrial life insurance companies, or include certain statistics which would duplicate those obtained from other sources and presented in Sections II and IV.

The material contained in Section II is derived from various

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\* Compulsory Insurance in Germany, including an Appendix relating to compulsory insurance in other countries in Europe. Prepared under the direction of Carroll D. Wright, Commissioner of Labor, by John Graham Brooks. Washington, 1893.

† *Les Résultats de L'Assurance Ouvrière a la fin du XIXe Siècle, par Maurice Bellom, Ingénieur au Corps des Mines; Communication faite a la Société de Statistique de Paris, dans sa Séance du 20 Mars, 1901.*

sources, mainly official reports, and largely from translations or summaries of the original documents made by the English Department of Labor, contained in reports issued therefrom or in the Labor Gazette, parts of which are reproduced. In general, the sources of information relied upon by the English translators have been indicated by foot-notes. Data contained in the "Guide to the Workmen's Insurance of the German Empire," compiled by Dr. Zacher, of the Imperial Insurance Department, has also been used.

Section III is from official sources cited in foot-notes and from information furnished to the Bureau directly by establishments referred to.

Section IV is translated and abridged by the Bureau from a report issued by the French Department of Labor,\* and from other official sources.

The obligations of the Bureau, as above indicated, are gratefully acknowledged, and our thanks returned to the officials of the Departments of Labor in England, France, and Belgium, and to representatives of various firms, who have courteously aided the Bureau in the collection or verification of material.

It should be noted that wherever the benefits or payments allowed in foreign countries, from the various funds, originally expressed in the money of the country, have been given in dollars and cents in our report, the franc and the lira have been taken at 20 cents, the mark at 25 cents, the shilling at 25 cents, and the pound at \$5. This yields results somewhat in excess of the intrinsic value of the foreign coins, which is for the franc and lira 19.3 cents, for the mark 23.8 cents, for the shilling 24.3 cents, and for the pound \$4.867. Nevertheless, the results are deemed sufficiently accurate for practical purposes, and the disregarding of the fractions facilitates the comparison of values in the different countries. Although the allowances in case of sickness, accident, or invalidity sometimes appear small, judged by our standards, it must be borne in mind that they usually bear a definite relation to the prevailing wage standard in the country, and that the purchasing power of the money is usually in excess of our own.

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\* *Les Caisses Patronales de Retraites des Établissements Industriels.*

## SECTION I.

## GENERAL REVIEW OF WORKINGMEN'S INSURANCE.

The various branches of workingmen's insurance may be defined according to the risks incurred.

These risks are of two classes: (1) those inherent in the person of the workman, (2) those inherent in the nature of the work; the former leading to incapacity for labor, and the latter, to deprivation of labor.

Risks of the first class include sickness, accident, invalidity, and old age. Sickness covers all loss of health, whatever the cause; accident covers every case in which a workman, in the performance of his duty, sustains injury; invalidity consists in all notable or important lessening of capacity for labor, not resulting from accident; old age depends on reaching an advanced period of age beyond which the workman, although he may still be strong, is considered unfit for labor. Risks of the second class include non-employment from causes independent of the workman.

The points upon which the results of workingmen's insurance should be examined are the following: (1) the diffusion of insurance; (2) the influence of insurance on the condition of workingmen; (3) the influence of insurance on the condition of employers; (4) the influence of insurance on the condition of the population as a whole. The special character of the risk of unemployment makes it necessary to defer consideration of insurance against it until after these points have been discussed.

## INSURANCE AGAINST INCAPACITY FOR LABOR.

## DIFFUSION OF INSURANCE.

*Insurance against Sickness.* — In countries where, as in Great Britain and France, insurance against sickness is not made obligatory by legislation, societies based on the principle of mutual aid have been founded by those interested.

In Great Britain, the Friendly Societies and the Trade Unions allow their members aid in sickness.\*

In France, according to the most recent official report, dated March 31, 1900, and giving figures for 1897, there were, on

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\* See page 132.



December 31, 1897, 11,355 societies for mutual aid, 8,211 being Approved Societies (*Sociétés Approuvées*) and 3,144, Authorized Societies (*Sociétés Autorisées*).<sup>\*</sup> The Approved Societies, to the number of 7,917, which have rendered accounts to the Minister of the Interior, include 1,201,153 active members and 233,499 honorary members. Their receipts in 1897 amounted to 27,956,414.83 francs (\$5,591,282.97), distributed as follows :

CLASSIFICATION OF RECEIPTS.	Total Receipts (francs)	Per Cent of Total Receipts
Assessments of members { honorary, . . . . .	2,486,424.27	8.89
active, . . . . .	17,068,717.43	61.04
children, . . . . .	183,146.61	0.70
Fines, . . . . .	470,762.74	1.68
Entrance fees, . . . . .	365,968.06	1.30
Interest on funds invested, . . . . .	3,518,098.69	12.58
Grants, gifts, and bequests, . . . . .	2,083,800.05	7.45
Other receipts, . . . . .	1,779,496.98	6.36
TOTALS, . . . . .	27,956,414.83	100.00

Assessments amounted to 14.89 francs (\$2.98) per active member. Disregarding superannuation pensioning, the figure is reduced to 14.13 francs (\$2.83). Their expenses in 1897 amounted to 22,139,859.91 francs (\$4,427,971.98), distributed as follows :

CLASSIFICATION OF EXPENSES.	Total Expenses (francs)	Per Cent of Total Expenses
Aid in money in cases of sickness, . . . . .	5,542,914.61	25.04
Doctors' fees, . . . . .	3,022,382.14	13.66
Cost of medicines, . . . . .	3,743,207.47	16.91
Aid to aged, disabled, and incurable, . . . . .	1,119,198.99	5.05
Aid to widows and orphans, . . . . .	520,610.73	2.35
Expense for children, . . . . .	98,186.69	0.44
Payment of superannuation pensions, . . . . .	2,787,137.55	12.60
Funeral expenses, . . . . .	915,377.60	4.13
Expense of administration, . . . . .	1,140,448.96	5.15
Other expenses, . . . . .	1,579,069.28	7.13
Pensions and allowances paid out of free funds, . . . . .	1,671,325.89	7.54
TOTALS, . . . . .	22,139,859.91	100.00

<sup>\*</sup> See page 141.

The receipts exceeded expenses by 5,816,554.92 francs (\$1,163,310.98). The expenses for sickness covered the following items :

Number of persons sick, . . . . .	322,062
Number of days of sickness, . . . . .	4,396,549
General expense of sickness, . . . . .	12,308,504.22 francs (\$2,461,700.84)

These expenses represent more than 50 per cent of the total expenses of the Approved Societies, and amount to 15.73 francs (\$3.15) per active member, and 53.25 francs (\$10.65) per person sick.

Of the 3,144 Authorized Societies, 2,831 rendered accounts in 1897. They represented 337,951 active members and 31,989 honorary members. Their receipts in 1897 amounted to 8,716,-360.13 francs (\$1,743,272.03), distributed as follows :

CLASSIFICATION OF RECEIPTS.	Total Receipts (francs)	Per Cent of Total Receipts
Assessments of members { honorary, . . . . .	396,797.87	4.55
{ active, . . . . .	5,165,911.76	59.65
{ children, . . . . .	32,780.94	
Fines, . . . . .	172,599.76	1.98
Entrance fees, . . . . .	103,315.93	1.18
Interest on funds invested, . . . . .	1,412,005.86	16.19
Gifts, . . . . .	787,434.56	9.03
Other receipts, . . . . .	645,513.45	7.42
TOTALS, . . . . .	8,716,360.13	100.00

Assessments amounted to 15.59 francs (\$3.12) per active member. Disregarding superannuation pensioning, the figure is reduced to 14.28 francs (\$2.86). Their expenses in 1897 amounted to 6,393,175.19 francs (\$1,278,635.04), distributed as follows :

CLASSIFICATION OF EXPENSES.	Total Expenses (francs)	Per Cent of Total Expenses
Aid in money in cases of sickness, . . . . .	2,072,723.02	32.42
Doctors' fees, . . . . .	645,666.38	10.09
Cost of medicines, . . . . .	862,123.79	13.48
Aid to aged, disabled, and incurable, . . . . .	284,255.50	4.50
Aid to widows and orphans, . . . . .	217,850.95	3.40



CLASSIFICATION OF EXPENSES.	Total Expenses (francs)	Per Cent of Total Expenses
Expense for children, . . . . .	14,364.30	0.22
Amounts taken from retirement fund, . . . . .	1,052,044.06	16.45
Funeral expenses, . . . . .	238,108.75	3.72
Expense of administration, . . . . .	321,995.36	5.03
Other expenses, . . . . .	684,043.08	10.69
TOTALS, . . . . .	6,393,175.19	100.00

The receipts exceed expenditures by 2,323,184.94 francs (\$464,636.99). The expenses for sickness covered the following items :

Number of participants, . . . . .	265,546
Number of persons sick, . . . . .	72,051
Number of days of sickness, . . . . .	1,483,108
General expense of sickness, . . . . .	3,580,512 francs (\$716,102.40)

The sickness expenses amounted to 16.52 francs (\$3.30) per active member, and 59.98 francs (\$12) per person sick.

Notwithstanding the development of sickness insurance under voluntary systems, it is certain that the intervention of the law in the form of an obligatory requirement has alone been able to extend its benefits to all classes of workingmen. It has been observed,\* for example, that the English associations are largely recruited from employes in factories, and frequently the same person is represented in several associations. Besides this, they afford only partial assistance in sickness, and often provide pecuniary aid only.

Legislation has also seemed necessary in behalf of certain classes of workingmen, even in countries where, in general, the matter is not regulated by law. For example, in France, insurance against sickness is obligatory for miners. As a result, under the law of June 29, 1894, modified by that of December 19 following, mutual aid societies (*sociétés de secours*) were organized in mining districts for the benefit of workmen and employes. These societies are established chiefly for the purpose of furnishing financial and medical aid to active members whom sickness or infirmity renders unable to work; and,

\* Zacher, *die Arbeiterversicherung im Auslande*, Part V.

in case of death, to assist their families. The rules of the societies may also authorize the granting of such aid to the wives and children of active members, and to their parents; may provide variable aid for the wives and children of members called into service in the territorial or reserve military forces; may permit special and renewable grants to widows and orphans of workmen or employés deceased after having contributed to the relief fund.

To provide for expenses, the funds of the societies are maintained: (1) by deduction from wages, the amount of which is fixed by the administrative council of each society, not to exceed two per cent of wages nor 48 francs (\$9.60) per year; (2) by payment by the employer of a sum equal to one-half that paid by members; (3) by sums granted by the Government from funds given the support of mutual aid societies; (4) by sums given and bequeathed to the society; (5) by fines incurred by infringement of rules of the society, or of regulations peculiar to the establishment.

The societies, in a general way, differ from ordinary mutual aid societies only for the reason that the affiliation of the members and the contributions of the employers are obligatory.

They began to operate on January 1, 1896. In 1899, 191 societies, in 34 departments, had 170,674 participants; of whom 164,710 were workmen and 5,964 employés. The average number of members per society was 894.

Indeed, the great majority of workers in mines in France actually received sick benefits, although some thousands of workmen were deprived of such aid, either because they voluntarily refrained, or because workmen in the district were too few to permit the establishment of an aid society.

The number of active members in the societies varies greatly, since legislation has left the employers and workmen full freedom to determine by mutual agreement the jurisdiction of the society, administrative authority intervening only in case of disagreement. Such a case had not occurred at the close of 1899.

In 1899, the number of persons sick was 128,592, or 75.34 per cent of the members; and the number of days of sickness was 1,817,927, or an average of 14.14 days per case of sickness, and 10.65 per member.

The number of days of sickness for which aid was rendered was 1,705,837, or 13.27 days per person sick, and 9.99 per member.

The financial condition of the societies in 1899 was as follows :

CLASSIFICATION OF RECEIPTS.	Amount in francs	Per Member in francs
Deductions from wages, . . . . .	3,452,998.64	20.23
Sums paid by employers, . . . . .	1,739,904.73	10.19
Grants from the Government, . . . . .	1,437.12	0.01
Fines for infringement of statutes of the society, . .	1,090.95	0.01
Fines for infringement of regulations of the establishment,	350,080.18	2.05
Interest on funds, . . . . .	66,465.82	0.39
Deduction from reserves, . . . . .	100,368.93	0.59
Other receipts (including unconditioned gifts), . . .	104,374.41	0.61
TOTALS, . . . . .	5,816,720.78 (\$1,163,344.16)	34.08 (\$6.82)

CLASSIFICATION OF EXPENSES.	Amount in francs	Per Member in francs
Charges of physicians, participants only, . . . . .	35,596.01	4.42
Charges of physicians, participants and their families, .	611,479.41	4.25
Cost of medicines, participants only, . . . . .	99,611.32	8.85
Cost of medicines, participants and their families, . .	1,506,698.73	10.13
Expense of hospital treatment for participants, . . .	43,540.08	0.37
Statutory aid in sickness for participants, . . . . .	2,286,235.57	13.43
Funeral expenses, participants only, . . . . .	28,864.21	0.39
Funeral expenses, participants and their families, . .	75,316.26	0.81
Sums paid to National Retirement Pension Fund, . . .	77,231.31	0.47
Aid, additional, to sick members, . . . . .	125,146.90	0.88
Aid to members disabled, . . . . .	69,242.10	0.99
Aid to families of members, deceased, . . . . .	132,251.25	1.02
Aid to families of members on service in the reserve or territorial military forces, . . . . .	106,445.10	0.93
Other benefits to participants and their families, . .	81,135.55	0.71
Costs of management and legal expenses, . . . . .	81,086.17	0.51
Allowances to managers on account of meetings attended ( <i>jetons de présence</i> ), . . . . .	22,564.85	0.19
Expenses of members of the bureau and visitors of the sick,	38,091.21	0.42
TOTALS, . . . . .	5,420,536.03 (\$1,084,107.21)	-

The average expense per participant can not be obtained by adding the figures of the last column of the preceding table, since the societies have varied in the distribution of certain aid not obligatory. Disregarding this, the average is 31.75 francs (\$6.35).

The payments made to the National Retirement Pension Fund (*Caisse Nationale des Retraites pour la Vieillesse*) are governed by the law of June 29, 1894, which requires that, in case of sickness causing the loss of wages for more than four days because of incapacity for labor, the society, from its fund, shall pay to the National Retirement Pension Fund a sum equal to five per cent, at least, of the indemnity allowed by statute in case of sickness.\*

According to the preceding, the receipts for 1899 exceeded expenses by 396,184.75 francs (\$79,236.95). This excess, added to the balance in hand on January 1, 1899, gives a sum total of 2,368,414.64 francs (\$473,682.93), which constitutes the reserve fund of the aid societies at the close of 1899. By the terms of the law of June 29, 1894, the part of this reserve which is not used for the current needs of the service must be placed in the *Caisse des Dépôts et Consignations*.† December 31, 1899, deposits under this head amounted to 1,416,522.87 francs (\$283,304.57). One society, only, having 1,888 participants, presented a deficit, this being 3,547.37 francs (\$709.47), or 1.88 francs (\$0.38) per member. This financial condition is satisfactory and shows the prosperity, which increases constantly, of the miners' societies.

But, naturally, it is in the countries where insurance against sickness is obligatory upon all workingmen that the highest results as to diffusion of insurance are obtained. Such is the case in Germany and Austria.‡

The condition of a workingman insured against sickness in Germany may be shown by an illustrative example.§ His wages being 24 marks (\$6) weekly, he pays 48 pfennigs (\$0.12) per week in assessments. The financial aid to which he is entitled in case of sickness is 12 marks (\$3) per

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\* See also page 148 respecting compulsory insurance against old age for miners.

† A government depository.

‡ See pages 113 and 152.

§ Ludwig Lass and Friedrich Zahn, *Einrichtung und Wirkung der deutschen Arbeiterversicherung*, page 130.



week, and the cost of medical attendance and medicines, approximately, six marks (\$1.50) a week. If he is sick during 13 weeks, the allowances which he receives amount to 234 marks (\$58.50). The funeral indemnity is, at least, 80 marks (\$20). Besides this, the family frequently receives free medical attendance. For a woman whose wages were 16 marks (\$4) instead of 24, the assessment would be 32 pfennigs (\$0.08) instead of 48; aid in case of sickness would be only eight marks (\$2), but cost of medical attendance may always reach six marks (\$1.50) weekly. In 10 weeks she would have received allowances to the amount of 140 marks (\$35). The funeral benefit is, at least, 50 marks (\$12.50). In case of childbirth, an allowance of 32 marks (\$8) is made.

*Insurance against Accidents.*—The system of insurance against accidents results from legal provisions establishing employers' liability in cases of accidents to workingmen.

Under the common law, which leaves to the injured the task of proving the negligence of his employer, the latter has not the same interest in insurance as under a system which rests upon the presumption of his responsibility. Accident insurance, however, antedates legislation on the matter. Thus, in France, before the passage of the law of April 9, 1898,\* employers sought, under the form of insurance with fixed premiums or through mutual insurance, to protect themselves against the financial consequences of accidents to their employés.

In the first case, the insurer assumes the risk of possible accident, requiring from the insured the payment of a fixed sum; in the second, the insured persons are associated for the purpose of bearing in common, proportionately to their interests, the damages sustained by each.

As to risks for accidents, there are two distinct kinds of insurance: insurance for reparation, and insurance for responsibility. The first is an insurance for the purpose of indemnifying the insured for damages he may sustain, either to himself, or to property belonging to him. The second is an insurance for the purpose of guaranteeing the insured against damages that may be demanded of him in cases in which he may be held responsible. Under the common law, the employer maintains an insurance of reparation, for the benefit

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\* See page 141.

of his employés, and an insurance for responsibility to protect himself, either against the claims of his workmen, or against the suit of a third person because of the deed of one of his employés. These two insurances, without being necessarily contracted at the same time, are generally associated in the same operation.\*

The passage of the law of April 9, 1898,† gave accident insurance in France a new impetus under the system of employers' liability established by legislation. The following figures show the results, as presented at the Exposition of 1900 (see *Journal Officiel* of June 1, 1900) by the *Département de l'Assurance et de la Prévoyance Sociales* in the Ministry of Commerce :

CLASSIFICATION.	September 30, 1899	December 31, 1899
Number of establishments insured, . . .	90,000	‡112,000
Amount of wages of persons insured (francs), .	470,000,000	607,000,000
Amount of premiums received (francs), . .	9,800,000	12,800,000

The relation of premiums received to wages was 2.10 per cent.

These figures, according to the report, should be considered only "an abridged table showing the effect of recent legislation on responsibility for accidents to workingmen."

The employers' liability law in France does not include obligatory insurance, but it makes insurance necessary for the employer whose resources are not sufficient to permit him to carry this risk himself.

At the international Congress of 1900 for the consideration of accidents to workingmen and social insurance, M. Gigot presented a statement of the results obtained by employers' mutual accident insurance societies. There were then seven district mutual societies, 10 corporate mutual societies, and two guarantee companies whose functions tend to unite the mutual institutions. Their importance, at the close of 1899, is shown by the figures contained in the following table : §

\* See for fuller consideration, *De la Responsabilité en matière d'accidents du travail*, by Mons. Bellom; Paris, Arthur Rousseau, 1899.

† The French Employers' Liability law. See page 141.

‡ Actually in excess of this number.

§ See also Section IV, pages 203 *et seq.*, for details of employers' mutual accident insurance funds in France (*Caisses syndicales*).



CLASSIFICATION OF SOCIETIES.	Wages of Employés Insured (francs)
<i>District Mutual Societies.</i>	
Preservative Mutual Society, . . . . .	101,320,290
Industrial Union of Lyons, . . . . .	7,800,000
General French Mutual Society, . . . . .	30,585,275
Society of Workingmen of Chartres, . . . . .	7,725,000
Industrial Mutual, . . . . .	56,000,000
Participation, . . . . .	19,533,000
<i>Corporate Mutual Societies.</i>	
Union fund of iron workers, . . . . .	107,020,309
Union fund of textile industries, . . . . .	66,446,168
Union fund of the sugar industry, . . . . .	26,038,666
Union fund of French agriculturists,* { 76 domestic policies, . . . . .	162,191
{ 5 industrial policies, . . . . .	20,103
Union fund of manufacturers of food products, . . . . .	12,000,000
Syndicate of the North, . . . . .	25,800,000
Union fund of Armentières (textiles), . . . . .	9,500,000
Auxiliary, . . . . .	3,070,041
Contractors' fund, . . . . .	1,765,000
<i>Guarantee Companies.</i>	
General guarantee company in building trades and public works, .	48,600,000
Union of contractors and manufacturers of Paris, . . . . .	65,000,000

Italian legislation, while respecting the freedom of the employer to a certain degree, has limited it to the choice of the underwriter. That is, by the law of March 17, 1898,<sup>†</sup> the employer is required to maintain insurance, but may select any one of the various organizations furnishing insurance, among which is a State Fund. This is the national Fund established at Milan in accordance with the law of July 8, 1883, and by virtue of the initiative of several savings banks which united in furnishing the sum of 1,500,000 lire (\$300,000) for the creation of a guarantee fund. The operation of this Fund, before and since the passage of the law of 1898, furnishes very useful material for comparison of voluntary and obligatory insurance.

In Germany, out of a population of 56 millions, 17 millions

\* This fund also carried 1,488 "agricultural policies," so-called, based upon acreage and covering, in the aggregate, 227,459 acres.

† See page 169.

are insured against accidents.\* This number is greater than the number (16 millions) of wage-earning workmen, because a certain number of artisans and small proprietary farmers are also insured.

The condition of a workman insured in Germany may be shown by the following illustration† : If a mason, whose wages amount to 1,263.90 marks yearly (\$315.98), falls from a scaffolding and injures his chest, he would, at the end of 90 consecutive days immediately following the accident, during which sick benefits have been allowed him, be given hospital treatment at the expense of the employers' accident insurance corporation. This costs the corporation 306.55 marks (\$76.64). During this time, his family, composed, in the example chosen, of a wife, and two children under 15 years of age, receives a pension of 157.38 marks (\$39.35). If at the end of the hospital treatment the injured man is totally incapacitated for labor, he receives an annual pension of 842.60 marks (\$210.65). If he dies because of his injuries, his family is allowed a funeral benefit of 84.30 marks (\$21.08), and a pension of 632.40 marks (\$158.10). The widow receives this pension until her death or remarriage. In the latter case, she receives a sum equal to 758.34 marks (\$189.59). The children receive the pension until they are 15 years of age. If a blacksmith's helper, whose wages amount, annually, to 1,062 marks (\$265.50), loses the index finger of the left hand, and suffers partial incapacity amounting to a reduction of 10 per cent of his total capacity for labor, he will receive an annual pension of 70.80 marks (\$17.70). A farm laborer, having injured his knee, receives hospital treatment for 105 days at the expense of the corporation, namely, 157.50 marks (\$39.38) ; while his family, composed of a wife and two children, receives a pension of 77.25 marks (\$19.31), the wages upon which this is based being 540 marks (\$135). After the hospital treatment, if his capacity for labor is reduced to 90 per cent, the injured man receives a pension of 324 marks (\$81). If death ensues, there is a funeral benefit of 36 marks (\$9), and pensions for the survivors of 270 marks (\$67.50). In case of remarriage, the widow receives 324 marks (\$81).

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\* See page 155.† Lass and Zahn, *loc. cit.*, page 130.

In Austria, out of nine million wage earners, only two million are insured against accident.\*

*Insurance against Invalidity and Old Age.*—Taken in its broadest sense, insurance against invalidity and old age embraces insurance against premature disability, other than in case of accident; insurance against the premature natural death of the head of a family; insurance against old age; and insurance for funeral benefits.

Germany furnishes an example of a law making insurance against natural invalidity and against old age obligatory, with return of premiums paid in case of the premature death of the insured. Out of 16 million wage earners, 13 million are protected by this form of insurance.†

The following example‡ shows the condition of a workingman, in Germany, thus insured: His wages being 1,200 marks (\$300) annually, he pays 18 pfennigs (\$0.045) assessment per week, or about 9.50 marks (\$2.38) a year. In case of disability, he receives a pension depending in amount upon the number and value of the weekly assessments he has paid. If, in the present example, the assessments have been paid during 10, 30, or 50 years, that is to say, supposing that, from the age of 16 years, the workman has been constantly engaged in an occupation subject to obligatory insurance, if he is 26, 46, or 66 years of age, his pension will be, in round numbers, 210, 330, or 450 marks (\$52.50, \$82.50, or \$112.50).

A woman receiving 320 marks (\$80) in wages, annually, pays a weekly assessment of seven pfennigs (\$0.017), or about 3.60 marks (\$0.90) a year. On the hypotheses assumed, she would receive a pension of 125, 155, or 185 marks (\$31.25, \$38.75, or \$46.25). If, at the age of 70 years, the workman is still in good health, he receives, while he may continue his work, a pension of 230 marks (\$57.50). For the woman, the pension would be 110 marks (\$27.50). If the insured workman dies before obtaining a pension, the assessments paid by him are refunded to his wife, or to his children under 15 years of age. Thus, in the example cited, if the workman dies at the age of 66, after 50 years of insurance and assessments, his family receives 450 marks (\$112.50). Women may, in case of marriage, demand the return of

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\* See page 114.

† See page 158.

‡ Lass and Zahn, *loc. cit.*, page 131.

assessments. The woman cited in the above example might, if she married at 26 years, demand the sum of 36 marks (\$9) for 10 years' payments.

Under the voluntary system, a great variety of institutions have been created for the purpose of providing insurance against invalidity and old age.

The Mutual Aid Societies (*Sociétés de Secours Mutuel*, "Friendly Societies"), in France, provide a remarkable example of what private initiative may accomplish in this direction. Considered as the complement of insurance against sickness, it might seem that insurance against natural invalidity ought to be a function of a fund protecting against prolonged sickness. The conditions governing a pension fund, however, are, for obvious reasons, very different from those relating merely to relief in sickness, notwithstanding there may be no absolute distinction in the nature of the pension service on the one hand, and that of sick benefits on the other. Under the voluntary system, the fund for insurance against sickness is sometimes separate, sometimes associated with other branches of insurance. Thus under the Belgian law the direct action of the mutual aid societies is confined to sickness insurance, since, so far as relates to retirement pensions, they are merely intermediaries between the participants and the general savings and pension fund.\* On the other hand, in France, by the law of April 1, 1898, mutual aid societies may assume both functions.†

In Belgium, the law of May 10, 1900, concerning superannuation pensions, especially encouraged affiliation of the recognized mutual aid societies‡ with the national Retirement Pension Fund. From previous experience, the Belgian government was able to state what advantages accrued from this affiliation to the members of the affiliated societies, to the Fund itself, and to the administrative officers. First, the member of an affiliated society obtains facilities for payment which the national Fund does not offer, since the society is not subject to as stringent rules as the State organization. The society receives, for instance, small payments (less than one franc)§

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\* A national fund, the *Caisse Générale d'Epargne et de Retraite*. See page 122.

† See page 149.

‡ See page 126.

§ The minimum payment permitted when the individual deals with the fund directly.



and, in making remittances, takes care that the minimum demanded by the national Fund is obtained. The agent of the society keeps the member informed as to the required time of payment, and acts as his correspondent in relation to the national Fund. The national Fund, on its part, is relieved from the necessity of dealing with a large number of persons. Finally, the administrative officers can more easily establish the basis of apportionment of premiums and grants, and can distribute them more readily; inasmuch as the intermediaries prepare the lists of persons entitled to participate and, when the grant is made, apportion it among them. The grants to the mutual aid societies under the law are varied. They consist chiefly of allowances fixed, by Article 12 of the law of 1900, at two francs, annually, for each individual deposit-book upon which has been paid, during the year preceding, at least three francs, not including the grants from the State, and on condition that the operations and accounts of the society have been approved.\*

The societies affiliated with the Retirement Pension Fund had already become very numerous under the provisions of a prior law, enacted June 23, 1894. On January 1, 1896, there were four of these societies with 798 members, the figures for the corresponding date in each of four successive years being as follows:

1897 —	17 societies,	1,595 members.
1898 —	112 societies,	8,270 members.
1899 —	528 societies,	43,200 members.
1900 —	1,287 societies,	99,850 members.

The promulgation of the law of 1900 could only accelerate this movement, and in a document recently published (General Report of Social Economy in Belgium at the Exposition of 1900, by Louis Varlez, Brussels, 1901), the population participating directly or indirectly in the benefits of mutual aid is estimated at more than 300,000 active members, and about a million women and children.

According to the same document the weekly expense (in francs) of such insurance for a workingman in Belgium, covering the various funds, would be as follows:

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\* See also page 127.



CLASSIFICATION OF PAYMENTS.	Expense per Week (frances)
Mutual aid dues (head of family), . . . . .	0.30
Medical aid (wife and three children), . . . . .	0.20
Co-operative aid fund, . . . . .	0.02
Reinsurance fund, . . . . .	0.02
Life insurance, . . . . .	0.15
The Union (insurance against enforced idleness, old age, strikes), .	0.30
Retirement pension fund, . . . . .	0.10
TOTAL WEEKLY EXPENSE, . . . . .	1.09
	(\$0.22)

In France, under the law of April 1, 1898, mutual aid societies were empowered to establish retirement pension funds by one of the following methods:

By the first system, each member receives, on admission to the society, an account book for the National Retirement Pension Fund (*Caisse Nationale des Retraites pour la Vieillesse*) or for one of the autonomous funds provided for by the law, entitling him to a retirement pension at a certain age. Each year, the treasurer of the society credits upon this book, à *capital aliéné* or à *capital réservé* \* for the benefit of the beneficiary: (1) the portion of the assessments devoted by the rules to the pension account; (2) a uniform additional amount for all participants, determined annually by the society and deducted from other receipts; (3) the additional voluntary deposits made by the participant to increase his eventual pension.

By the second system, the society awards pensions, the amount of which has been determined by taking into account the length of membership and the amount of the assessments paid, and designates those entitled to receive them. Annuitants must be, at least, 50 years of age, and must have paid assessments during at least 15 years. The amounts due on these pensions are either paid out of the social fund and

\* Payments "à *capital aliéné*" secure a simple annuity terminating with death. Those "à *capital réservé*" provide for an annuity with return of premiums at death. These two systems are popularly distinguished as respectively, "money not returnable" and "money returnable." Obviously, by the second plan the annuity payments secured by a given assessment rate must be very much less than by the other. Nevertheless the attractive feature of return premiums at death leads a very large majority to choose it in preference to the other. See also pages 146 and 150.

from the income of common inalienable funds, or are provided by the National Retirement Pension Fund from capital reserved for the benefit of the society.

The societies may also create autonomous funds for their pension service, or, if their membership is not sufficient for such action, they may affiliate with a union of societies having such a fund.

Only general methods of administration are defined by the law, details being left to the administrative officers.

The following statement shows the condition of the mutual aid societies in France just previous to the promulgation of the law of April 1, 1898 :

First, Approved Societies.\* — The Approved Societies, in 1897, allowed pensions to their members, either through the medium of the National Retirement Pension Fund, or directly from the interest of their free funds, as follows :

(A.) Regular pension allowances from the National Retirement Pension Fund were applied, (1) on account of retirement pension funds held by the societies in the *Caisse des Dépôts et Consignations*; (2) on account of Government donations.

The retirement pension funds amounted, December 31, 1897, to 127,791,033.18 francs (\$25,558,206.64), of which 53,793,812.18 francs (\$10,758,762.44) were so-called free funds, and 73,997,221 francs (\$14,799,444.20) were set aside for the pension service.

The sum of 172,137 francs (\$34,427.40) represents 208 pensions paid from *capital aliéné*. From 1894 to December 31, 1897, the grants from the State amounted to 1,385,286 francs (\$277,057.20). The number of persons pensioned was 41,044; the average pension being 71.70 francs (\$14.34), including the grants from the State.

Of the total number of Approved Societies, 4,284, about 52 per cent maintained retirement pension funds. Among these should be mentioned 161 special retirement pension societies whose pension funds amounted to 22,079,798 francs (\$4,415,959.60).

(B.) There were 18,553 pensions allowed by the societies directly from interest on their free funds. Their average value

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\* See page 141 for the distinction between approved and authorized societies; also see page 72.

was 77.26 francs (\$15.45), or 5.56 francs (\$1.11) more than that of pensions regularly allowed from the National Fund. There should be added to this the supplements paid on free funds, amounting, in 1897, to 237,923.64 francs (\$47,584.73), and averaging 77.47 francs (\$15.49), a figure closely approaching the average of pensions drawn entirely from the free funds alone. The so-called free funds, designated also in the official report as reserve funds, amounted, in 1897, to 92,519,837.22 francs (\$18,503,967.44). They include: (1) cash deposited on current accounts in the *Caisse des Dépôts et Consignations* at the rate of  $4\frac{1}{2}$  per cent, amounting to 50,130,391.60 francs (\$10,026,078.32); (2) sums deposited in savings banks or lying in the treasuries of the societies, amounting to 42,389,-445.62 francs (\$8,477,889.12).

The total amount of pensions paid to members of mutual aid societies from the National Retirement Pension Fund was 2,954,163 francs (\$590,832.60) in 1897, including the grants from the State.

The total funds of the approved mutual aid societies, including both retirement pension funds and reserve funds, amounted to 220,310,870.40 francs (\$44,062,174.08).

Second, Authorized Societies. — In 1897, 316 Authorized Societies (about 10 per cent of all the societies having exercised the function) allowed 14,609 pensions, representing a total payment of 1,052,044.06 francs (\$210,408.81).

The average amount of the pension was 72.06 francs (\$14.41). The total funds of Authorized Societies amounted to 42,409,-087.17 francs (\$8,481,817.43). Among these societies, 51 were special retirement pension societies. Their funds, on December 31, 1897, amounted to 13,782,497.03 francs (\$2,-756,499.41).

*School Children's Mutual Aid Societies.* — The idea of teaching children methods of making provision in their early years for their protection when aged has given rise to the school mutual aid movement.

According to the official report of the Minister of the Interior for March 31, 1900, relative to the proceedings of 1897, most of the adult societies, taking their members at an age already advanced, find it impossible to provide retirement pensions sufficient to insure them against distress in old age, since

aid in cases of sickness or disability almost entirely absorbs their resources. The young child, however, who becomes a member of a mutual aid society, provides for his old age a life income greater than a person would be able to obtain who, at the age of thirty or forty years, joins a society of adults.

On December 31, 1897, there were 55 school children's societies. Of these, 35, whose statistics could be furnished, had 1,437 honorary members and 24,428 participating members. The total payments made by the children amounted, in 1897, to 102,713 francs (\$20,542.60); the total receipts to 165,338 francs (\$33,067.60). The payments to the collective retirement pension fund reached 10,420 francs (\$2,084); the deposits on individual books, 22,297 francs (\$4,459.40). The total expenses, including aid in cases of sickness, amounted to 82,607 francs (\$16,521.40). The funds on December 31, 1897, (not including sums deposited on books) were 430,506 francs (\$86,101.20), of which 231,810 francs (\$46,362) were in free funds, and 198,696 francs (\$39,739.20) in collective retirement pension funds.

The efforts of the promoters of the school mutual aid movement are directed, not only toward extending insurance, but toward perfecting the system.

Thus Monsieur J. C. Cavé has recently prepared a pension account-book which may be given to a member who is obliged to leave a society and is admitted to another before the payment of his retirement pension. This book, which provides for the maintenance of the common untransferable fund, permits the liberation of arrears and the calculation of the final payments to the members. The information given by the book enables persons interested to appreciate, in a measure, the importance and the duration of the sacrifice to which they must consent in order to attain the desired end, and, by a very simple computation, to ascertain, at any moment, the actual value of their accumulations.

Through the instrumentality of one of its vice-presidents, Monsieur Jouanny, the municipal mutual aid society of the XIth *arrondissement* of Paris has established a children's section for the purpose, chiefly, of aiding parents by paying them an indemnity in the case of sickness of children (members of the society), and of laying the foundation of a system of retire-



ment pensions for the members on the *capital aliéné* plan. The participating members are from six to 16 years of age. The deposits for the establishment of individual accounts are made by the society, in its name, in the National Retirement Pension Fund. In case of death, they are restored to the society which pays to the heirs in direct line the sums thus received. At the age of 16, each member is enrolled in the adult municipal society. The children's section, the rules of which were approved by the Ministry of the Interior, February 8, 1900, had one year later (February 8, 1901) 4,379 children, of whom 2,187 were boys, and 2,192 girls. It had received 17,895.40 francs (\$3,579.08) and expended 6,257.85 francs (\$1,251.57), 1,983.55 francs (\$396.71) being for indemnities, 120 francs (\$24) for funeral expenses, and 4,154.30 francs (\$830.86) for general expenses. The deposits on account of retirement pensions amounted to 7,998.70 francs (\$1,599.74).

*Employers' Private Pension Funds.*—The Department of Labor of France, from an investigation respecting employers' retirement pension funds\* in manufacturing establishments in that country, has shown that schemes of this kind were far from having reached the development of which they are capable. The report contains detailed statements concerning retirement pensions for employes in factories, in mines, in transportation, in government establishments, and, in addition, for road laborers and sailors, including in all 660,000 employes covered by pension schemes, as follows: In private industries, including mines and transportation, 461,000; in government establishments and on public works, 79,000; mariners and fishermen, approximately, 120,000. It would be digressing too far to give here details respecting these special classes of workmen. But it is at least interesting to note, on the one hand, the condition of retirement pension funds in connection with the railways in France, and, on the other, that of pensions accruing through the National Retirement Pension Fund.

The first table, relating to railways, is taken from the annual statistics of railways published by the Ministry of Public Works. It presents the figures for the year 1898.

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\* That is, private funds established by the employers' initiative. As the results of the investigation referred to are given in detail in Section IV, page 203, *et seq.*, M. Belom's summary is omitted.



CLASSIFICATION.	NAMES OF COMPANIES			
	Nord	Est	Ouest	Orléans
	<i>francs</i>	<i>francs</i>	<i>francs</i>	<i>francs</i>
Holdings at beginning of year, . . .	66,566,796	75,205,759	60,941,410	-
Receipts :	8,842,776	9,296,614	10,447,763	6,136,663
Assessments of members, . . .	1,734,570	1,207,363	1,929,457	113,912
Grants of companies, . . .	4,163,172	4,830,045	5,578,491	6,022,751
Other receipts (interest, etc.), . . .	2,945,034	3,259,206	2,939,815	-
Expenses :	6,250,434	6,651,660	5,600,890	6,136,663
Pensions and payments to the National Superannuation Fund and complements of pensions; relief, . . .	6,217,864	6,526,694	5,493,383	6,136,663
Other expenses (cost of administration, etc.), . . . . .	32,570	124,966	107,507	-
Holdings at close of year, . . . . .	69,076,562	77,850,713	65,788,283	-
Number of participating members, . . .	30,602	20,722	29,060	23,946
Number receiving pensions or aid, . . .	10,200	7,581	7,378	-

CLASSIFICATION.	NAMES OF COMPANIES			
	Paris, Lyon, and Méditerranée	Midi	Ceinture	État
	<i>francs</i>	<i>francs</i>	<i>francs</i>	<i>francs</i>
Holdings at beginning of year, . . . . .	136,087,041	61,704,752	-	16,875,809
Receipts :	20,990,461	6,825,600	307,839	2,518,227
Assessments of members, . . . . .	4,771,863	654,413	59,682	639,661
Grants of companies, . . . . .	10,009,164	3,804,543	248,157	1,157,629
Other receipts (interest, etc.), . . . . .	6,209,434	2,366,644	-	720,937
Expenses :	15,070,080	3,415,895	307,559	556,521
Pensions and payments to the National Superannuation Fund and complements of pensions; relief, . . . . .	14,334,025	3,336,239	188,350	263,162
Other expenses (cost of administration, etc.), . . . . .	736,055	79,656	119,209	293,359
Holdings at close of year, . . . . .	142,007,422	65,114,457	-	18,837,515
Number of participating members, . . . . .	56,779	14,656	809	8,254
Number receiving pensions or aid, . . . . .	14,157	5,125	-	298

The second table, based upon the annual report of the National Retirement Pension Fund, dated March 31, 1900,

relating to 1899, shows collective deposits made in that year under the law of July 20, 1896. The depositors are divided as follows according to occupation :

OCCUPATIONS.	Number of Accounts	Sums Deposited (francs)	Average per Account (francs)
Railroads, . . . . .	174,600	11,693,927.00	66.97
Laborers, . . . . .	91,886	1,805,868.29	19.65
Workmen and employés in mines, . . . . .	225,183	6,500,231.00	28.86
Workmen and employés in metallurgy, . . . . .	16,115	673,959.00	41.82
Various industries, . . . . .	44,533	2,051,385.41	46.06
Agents of government factories, . . . . .	74,850	3,569,561.00	47.69
Employés in public administrations, . . . . .	8,206	520,327.26	63.41
Employés in departments and communes, . . . . .	7,600	325,315.00	42.80
Mutual aid societies (having individual accounts), . . . . .	5,233	212,981.00	40.68
School Funds, . . . . .	44,638	153,576.00	3.44
Others, . . . . .	3,840	880,265.53	229.23
Allowances of pensions for laborers (Ministry of Public Works), . . . . .	505	464,426.17	919.65
Superior Commission by right of allowances, . . . . .	76	76,546.99	1,007.19
Increase of life incomes, . . . . .	5,865	863,044.16	147.15
TOTALS, . . . . .	703,130	29,791,413.81 (\$5,958,282.76)	42.37 (\$8.47)

The statistics of depositors to whom annuities have been paid since the establishment of the National Retirement Pension Fund, that is, since May 11, 1851, are as follows :

AMOUNT OF ANNUITY (FRANCs).	Number of Re- cipients	Aggregate Amount Paid (francs)	Average Amount Paid (francs)
From 2 to 50, . . . . .	173,090	5,247,937	30
From 51 to 200, . . . . .	162,165	17,501,755	108
From 201 to 360, . . . . .	35,799	9,821,247	274
From 361 to 600, . . . . .	29,072	13,904,022	478
From 601 to 1,200, . . . . .	18,953	16,154,248	852
From 1,201 to 1,500, . . . . .	4,746	6,812,747	1,435
TOTALS, . . . . .	423,825	69,441,956 (\$13,888,391)	164 (\$33)

In England, the associations which provide insurance against invalidity and old age are the Friendly Societies and the Trade Unions. The former have usually limited their ac-

tion to the granting of aid in cases of accident or sickness. The latter have organized retirement pension funds. The average retirement pension, in 1897, was seven shillings a week.\*

Italian legislation created on July 17, 1898, a National Fund to provide for the invalidity and old age of working-men.†

*Civil Retirement Pension Societies.*—In the matter of retirement pension insurance, other institutions have been created under the name of civil retirement pension societies. Their system is ill-defined, and their operation is not always satisfactory. Some have been governed by rules which do not give the equality of treatment to all members which is desirable. Nevertheless, the efforts of their founders bear witness to the ardent desire of the laboring population to obtain insurance for old age. There are no complete statistics for these societies.

*Insurance against Death.*—State insurance against death has developed but little in France under the law of July 11, 1868, which instituted a national fund (*Caisse Nationale d'Assurance en cas de Décès*) for that purpose, providing both individual and collective insurance.‡

In 1898, the number of individual policies issued was 99, covering insurance to the amount of 176,487 francs (\$35,-297.40). Deducting adjustments for accidents and abatements, the total amount of insurance covered December 31, 1898, aggregated 3,151,175 francs (\$630,235). Premiums collected on individual insurance numbered 1,086, aggregating 74,610 francs (\$14,922). Payments on deaths amounted to 48,898 francs (\$9,779.60) upon 25 policies.

Contracts of insurance may be made with the mutual aid societies covering their members collectively. Of late, this has been a source of serious loss to the Fund. The rate of mortality used as basis for this insurance was that shown in the table of Deparcieux, and collective insurance, contracted by societies whose average mortality was greater than that shown by the table mentioned, has proved very burdensome for the Fund. Moreover, the surplus derived from receipts

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\* See page 135.

† See page 171.

‡ See page 151.

on account of individual insurance, which, if invested in Government securities, would have formed a reserve fund for the benefit of the individual policy holders, had become insufficient, by reason of excessive drafts to meet losses incurred through collective insurance. The first difficulty mentioned was diminished by the decree of November 28, 1890, under which the average rate of mortality shown in recent years, in the societies covered by collective insurance, must be taken into account in calculating the premiums to be paid by them. The loss in reserves led to setting aside under the law of July 26, 1893, of the sum of 30,753 francs (\$6,150.60), representing an income of about three per cent on 999,985.05 francs (\$199,997.01), to be transferred from the Fund for accident insurance and credited to the Fund for insurance against death.

In 1898, 74 mutual aid societies, with 13,955 members, contracted collective insurance against death from the Fund. The total amount paid by the societies, in principal and supplementary premiums, was 91,366 francs (\$18,273.20). A total sum of 75,234.25 francs (\$15,046.85) was paid to contracting societies, 53,789.20 francs (\$10,757.84) for insurance taken previous to 1898, and 21,445.05 francs (\$4,289.01) for insurance taken during 1898. It should be added that a law of July 17, 1897, authorized the Fund for insurance against death to issue mixed policies, combining annuities and life insurance, an act of public administration of April 27, 1900, formulating the method of administration.

The Belgian law of June 21, 1894, defined the conditions under which the General Savings and Retirement Pension Fund might provide life insurance. The maximum amount to be paid in case of death was fixed at 5,000 francs (\$1,000). The law provides, in Article 19, that the Fund may dispense with a medical examination for members of a recognized mutual aid society which has taken out collective life insurance for all its members, and, in this case, the minimum annual premium is reduced to one franc but the amount paid at death must not exceed the sum of 100 francs (\$20).

These advantages, allowed mutual aid societies, will probably lead to the rapid development of the Belgian Life Insurance Fund. The delay caused by the necessity of perfecting



the organization accounts for the comparatively small number of persons insured at the beginning of 1900, namely, 568.

*Combined Insurance and Building Loan Funds.* — The question of cheap dwellings is connected with that of workmen's insurance, since life insurance may be provided to protect the family against the risk of the death of its head, during the acquisition of the house, guaranteeing payments by the society without risk of dispossession.

In France, the development of societies to provide cheap dwellings may be divided into three periods. From 1851 to 1870, three societies were founded, independently of Mulhouse. From 1870 to 1894 (date of legislative intervention), 28; from 1895 to 1898, 29; from then to April 1, 1899, 21 others, giving a total of 81, 48 of which became Approved Societies on April 1, 1899.

The law of November 30, 1894, authorized the National Fund for insurance against death to provide temporary insurance which should guarantee, in case the insured person died before acquiring full ownership, the payment of sums still due, and should give the family the use of the house free of charge. Those interested, however, do not seem to have availed themselves of this privilege. The Co-operative *Ruche roubaisienne* (the Hive of Roubaix) has been cited\* as one of the rare examples of such an application of insurance taken, however, with a private insurance company, the *Nord*, covering each of its members under a mixed policy which, for 4.5 per cent premium, guarantees the payments on the house, either within a time limit set by the member, or at his death, if he dies before the time expires. The promoters of the legislation of 1894, nevertheless, gave encouragement to this movement by facilitating similar contracts. In a report on the co-operative society, *la Pierre du Foyer*,† Monsieur Cheysson has shown, in accompanying tables, the calculation of premiums for insurance against death upon a policy of 100 francs (\$20) to be met at four per cent in 20 annual payments of 7.35 francs (\$1.47). In France, the desire has been expressed‡ that insurance companies should take action to extend the movement.

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\* Eugène Rostand, *bulletin de la Société des Habitations à bon Marché*, 1900, page 64.

† Cheysson, *bulletin de la Société des Habitations à bon Marché*, 1901, page 452.

‡ Eugène Rostand, *loc. cit.*



In Belgium, under the law of August 9, 1889, life insurance in connection with workingmen's homes has developed rapidly, through the General Savings and Retirement Pension Fund, thanks to the impulse given by its eminent director general, Monsieur Omer Lepreux.

The Belgian law authorizes the Savings Fund to issue mixed life insurance guaranteeing the payment, after a fixed period, or at the death of the insured, if it occurs before the expiration of this period, of loans made for the construction or purchase of a dwelling. The royal decree of July 6, 1891, regulated the general conditions and the rates of such insurance calculated at three per cent according to the table of mortality, known as the English life table No. 3 (males), published by William Farr in 1864.

The following table shows the results obtained :

DATES: DECEMBER 31 IN --	Number of Contracts Existing	Balance of Capital Insured (frances)
1892, . . . . .	521	1,377,061.56
1893, . . . . .	1,520	3,823,033.02
1894, . . . . .	2,538	6,280,469.97
1895, . . . . .	3,719	9,024,105.47
1896, . . . . .	5,171	12,134,722.06
1897, . . . . .	6,873	16,031,651.06
1898, . . . . .	8,936	20,891,118.06
1899, . . . . .	11,198	26,279,791.48

The amounts covered by the policies in 1899 are divided as follows :

CLASSIFICATION.	Number	Amount (frances)
Less than 1,000 francs, . . . . .	1,286	812,311.67
From 1,000 to 2,000 francs, . . . . .	3,250	4,527,412.00
From 2,000 to 3,000 francs, . . . . .	2,921	6,841,862.30
From 3,000 to 4,000 francs, . . . . .	2,271	7,470,771.76
4,000 francs and over, . . . . .	1,470	6,627,433.75
TOTALS, . . . . .	11,198	26,279,791.48 (£5,255,958.30)

## INFLUENCE OF INSURANCE ON THE CONDITION OF WORKINGMEN.

*Insurance against Sickness.* — The benefits of insurance against sickness for workingmen are effective only when the sums allowed are sufficiently large and well distributed.

The English societies have been subject to criticism\* in this respect. It has been shown that the Friendly Societies allow, on the average, only one pound sterling, annually, per member, and a part of this must be considered as insurance against accident or against invalidity and old age. The allowances made by Trade Unions are still less. Out of the total expenses, the proportion of aid in sickness (16.2 per cent) is less than that of cost of administration (17.7 per cent).

On the other hand, in Germany, while more than 120 millions of marks (\$30,000,000) were expended in sick benefits in 1897, the cost of administration was less than eight millions of marks (\$2,000,000); pecuniary aid to replace wages lost amounted to 52 millions (\$13,000,000); and medical attendance entailed an expense of 27 millions (\$6,750,000). The contributions of workmen (not including those in mines) amounted to 95 millions of marks (\$23,750,000), and, since the allowances made them aggregated 120 millions (\$30,000,000), they received 25 millions (\$6,250,000) as free gift.

Insurance against sickness is especially advantageous when it provides prompt, extended, and complete medical attendance. The patient must not be made to wait for the attendance, which, if late, would be ineffective; he must not be abandoned, the treatment having once begun; and he must have the service of a competent physician employing the best methods.

Such is the case with the Fund of Leipzig and vicinity, which, in 1898, included at least 123,345 members; expended 3,169,406 marks (\$792,351.50); and collected 3,439,024 marks (\$859,756). It possessed two convalescence hospitals and assisted a third. At the close of 1898, the Fund had arrangements for obtaining the services of 226 doctors (of whom 73 were specialists and 15 dentists), 80 pharmacists, nine opticians and bandage-makers, 11 bathing establishments, and 20 massagists. Besides these, three doctors were permanently attached to the Fund.

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\* *Die Arbeiterversicherung im Auslande*, by Dr. Zacher; Part V.

A local fund at Munich, for clerks in commercial houses, has practised treating convalescents in the country. The following table shows the development of this mode of treatment :

YEARS.	Num- ber of Persons Cared for	Num- ber of Days of Treatment
1890, . . . . .	90	2,294
1891, . . . . .	132	3,534
1892, . . . . .	142	3,805
1893, . . . . .	208	6,816
1894, . . . . .	262	9,420
1895, . . . . .	160	5,638
1896, . . . . .	189	6,952
1897, . . . . .	188	7,422
1898, . . . . .	209	8,061

Since 1892, this Fund has maintained a sanitarium where treatment is given in the majority of the cases.

The German sick benefit associations have also sought to improve the hygienic conditions of employment. The Fund for clerks in commercial houses at Munich, previously mentioned, sent to the heads of establishments a circular recommending certain sanitary measures, such as, permission to sit, rest at the lunch hour, etc. The sick benefit societies distribute among the workmen pamphlets advocating measures of sanitation. In Berlin, early in 1900, a commission was established by the sick benefit societies to provide courses of lectures on questions of hygiene, given by physicians and specialists free to the members and their families. These courses, seven in number, comprised eight lessons at intervals of two weeks, treating of dwellings, of food, of hygiene for children, of the care of the skin and clothing, of contagious diseases, of disinfection, of industrial hygiene in general, of the hygiene of the eye, ear, and nose, and finally of the legislation respecting workingmen's insurance.

At Leipzig, one of the physicians connected with the local fund prepared instructions for the prevention of acute diseases and illness due to dust, which the "Association for the Aid of Workingmen in Case of Sickness" issued in pamphlet form.

*Insurance against Accidents.*—The benefit of immediate care in case of accident need not be demonstrated.

German legislation permits the accident insurance organizations\* to take the place of the sick benefit societies, when they seem able to shorten the time of incapacity for labor by giving the person injured such care as the sick benefit funds would not afford. The extent to which the accident insurance organizations are operating in the field is shown by the following figures for 1898: Nature of the injury: fractures, 2,123; injury to eyes, 630; other injuries, 7,734. Nature of treatment: treatment in hospital, 4,358; "ambulatory" treatment,† 6,129. Result of treatment: favorable, 9,509; unfavorable, 978. Expended by accident insurance organizations, 633,841 marks (\$158,460.25); sums paid by sick benefit funds, 105,075 marks (\$26,268.75). The point of especial interest to the workingman is that the patient recovered, as shown by these results, in 90 per cent of the cases.

In order to be able to give immediate care, relief stations have been established. Of these, some are clinic stations provided with beds; others, places for dressing wounds, with a doctor and permanent assistants in attendance. In 1894, the Berlin division of the brewers' insurance organization took the initiative in establishing these stations. They have telephonic connection with the factories and establishments served, and are open day and night. There are, at present, 20 of these stations in Berlin. Two of them maintain a small hospital for the full treatment of the injured. Doctor Roques,‡ in a very interesting report to the Congress of 1900 for the consideration of accidents to workingmen and social insurance, mentions that of Flensburgerstrasse; which he visited. The cost of this station, containing 32 beds, amounted to 15,000 marks (\$3,750); and it requires 80 marks (\$20) daily for support. The accident insurance organizations pay four marks (\$1) for each day of sickness.

The cities of Danzig, Strasbourg, Cologne, Stettin, and Breslau have stations similar to those at Berlin.

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\* These are insurance associations of employers, made corporations to meet the requirements of the accident insurance law.

† The treatment termed "ambulatory" covers out-patients who present themselves for examination by the surgeon, at certain intervals, until recovery is permanent.

‡ *L'Atténuation des Accidents en Allemagne*, by Lucienne Roques.



There is need of perfecting their resources, aside from physicians and persons of technical training, by having attendants instructed in giving the first treatment to wounds. This is why German accident insurance organizations have encouraged the publication of practical manuals, and the diffusion of the most useful information among the workmen in establishments of sufficient importance. Thus the association of the *Tiefbau* organized, in 1897, a series of lectures which 40 persons (engineers, inspectors, and workmen) followed with great profit.

The first attendance, however important, is not sufficient. It must be followed by treatment which shall effect the recovery of the person injured, and restore to him, in the largest possible measure, his normal capacity for work. The combination of mechanico-therapeutics and surgery is employed for this end.

To effect this, the German accident insurance organizations have sometimes built hospitals, sometimes entered into contracts with existing establishments. The hospitals of Bergmannsheil at Bochum, Bergmannstrost at Halle-an-der-Saale, and Neu-Rahnsdorf at Berlin belong, the first two to the second and fourth sections of the miners' organization, and the third to the corporation *Du Bois* for the North of Germany. The hospital of the order of the Brothers of Charity at Bonn, the hospital of Sainte-Marie of the Franciscan Nuns, near Bonn, the Royal Hospital of Charity at Berlin, although not belonging to the insurance organizations, have established a distinct service for accident cases. There are, in many German cities, institutes of mechanical therapeutics to which the insurance organizations have recourse.

The following figures show the favorable results obtained by this system of treatment :

YEARS.	NUMBER OF WORKMEN			NUMBER OF ACCIDENTS PER 1,000 WORKMEN		
	At Berlin	In the Provinces	Total	At Berlin	In the Provinces	Total
1892, . . . . .	4,483	14,629	19,112	22.08	16.27	17.63
1893, . . . . .	4,905	14,639	19,544	17.53	17.35	17.40
1894, . . . . .	5,076	14,774	19,850	12.02	12.73	12.54
1895, . . . . .	5,250	14,950	20,200	7.62	13.71	12.13



YEARS.	NUMBER OF WORKMEN			NUMBER OF ACCIDENTS PER 1,000 WORKMEN		
	At Berlin	In the Provinces	Total	At Berlin	In the Provinces	Total
1896, . . . . .	6,600	16,100	22,700	7.42	10.99	9.96
1897, . . . . .	6,750	18,200	24,950	6.22	11.32	9.94
1898, . . . . .	6,920	19,580	26,500	6.94	9.60	8.94
1899, . . . . .	7,250	21,850	29,100	6.48	9.70	8.90

The reduction of the proportion of accidents is appreciable.

The accident insurance organizations seek not only to make amends for accidents, but to prevent them. In Germany, among 65 employers' insurance organizations, only three have not adopted regulations for the prevention of accidents, these being: (1) the miners' organization whose workings are subject to the regulations of the inspectors of mines; (2) the street railway organization, whose concerns are also very strictly supervised and which, beside, is preparing regulations; (3) the organization of the distillers, where the application of measures to prevent accidents is rendered difficult by the lack of proximity of the establishments and their association with agriculture.

It should be added that in Germany the cost of the accident insurance organization falls only upon the employers, and that the workmen bear no part of the expense of treating the injured, except in the initial period, which is covered by the operations of the sick benefit associations. Statistics from 1886 to 1895 support the following figures:

CLASSIFICATION.	PROPORTION —	
	Of Number of Accidents	Of Expense
Sick benefit funds, . . . . .	84	12
Accident insurance organizations, . . . . .	16	88
TOTALS, . . . . .	100	100

The conclusion drawn from these figures is that workingmen bear only eight per cent of the expense.\*

\* That being their proportion (two-thirds) of the percentage borne, as shown by the table, by the sick benefit funds, which are supported one-third by the employers and two-thirds by the workmen. On the other hand, the accident insurance organizations, as a separate branch of the service dealing with accidents except, as stated in text, in the initial stage, are maintained entirely at the expense of the employers. See page 155.

In Austria, a special commission has been appointed to serve as an advisory board for the Ministry of the Interior in the matter of preventing accidents.

But it is not alone under the system of obligatory insurance that the lessening and prevention of accidents receive attention.

In France, mutual aid societies, and the accident insurance companies, either mutual or with fixed premiums, have not neglected this question, and only the short time during which legislation relative to risks for workingmen has been in force prevents the presentation of statistics. Care was taken to prevent accidents before the promulgation of the law of April 9, 1898. In 1867, M. Engel-Dollfus proposed to the Industrial Society of Mulhouse the formation of an association for the prevention of accidents in factories. Inspired by this model, M. de Coene founded the Norman Association, in 1880, and M. Émile Muller, the Parisian Association, in 1883. The latter became in 1887 the French manufacturers' association for the prevention of accidents. A similar association was created at Lille, in 1894, for the North of France.

In Italy, also, private initiative preceded legislation. In November, 1894, the commander of Angeli founded the Industrial Association of Italy for the prevention of accidents in factories. A royal decree of April 25, 1897, recognized this as a public institution. With regard to assistance in accident cases, Dr. Bernacchi, at the Insurance Congress at Brussels in 1897, gave an account of the work of the association founded at Milan in 1896 for medical assistance to the injured, and especially of the creation by this association, on May 9, 1897, of a free institute at Milan under the name of the Medical Institute for Accidents to Workingmen, comprising a permanent medical corps, a surgical ambulance, a mechanico-therapeutic ambulance, and an infirmary.

It has been asked if accident insurance has not tended to make the workman less careful. This question has been discussed before the Statistical Society of Paris.\* We return to it here only to confirm the observations presented at that time, to the effect, that an increase is shown only in the minor accidents. It suffices to present in this connection the follow-

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\* *Journal de la Société de Statistique de Paris*, 1897, pages 231-233.

ing table taken from a document presented by the German Government at the Universal Exposition of 1900 : \*

YEARS.	TOTAL NUMBER OF —						PROPORTION PER 100 ACCI- DENTS FOLLOWED BY —			
	Ac- cidents	Death	ACCIDENTS FOLLOWED BY —				Death	INCAPACITY FOR WORK		
			INCAPACITY FOR WORK			Tem- porary		INCAPACITY FOR WORK		
			Permanent		Total			Partial	Tem- porary	
Total	Partial									
1886, . .	10,613	2,848	492	4,122	3,151	26.83	4.64	38.84	29.69	
1887, . .	16,886	3,400	688	7,814	4,984	20.13	4.07	46.28	29.52	
1888, . .	21,020	3,888	831	10,319	5,982	18.50	3.95	49.09	28.46	
1889, . .	31,387	5,506	1,040	15,636	9,205	17.54	3.31	49.82	29.33	
1890, . .	42,021	6,316	1,159	21,899	12,647	15.03	2.76	52.11	30.10	
1891, . .	51,185	6,682	1,223	27,233	16,047	13.05	2.39	53.21	31.35	
1892, . .	55,659	6,214	1,315	30,259	17,871	11.16	2.36	54.37	32.11	
1893, . .	62,729	6,732	1,303	32,325	22,369	10.73	2.08	51.53	35.66	
1894, . .	69,547	6,630	1,391	35,237	26,289	9.53	2.00	50.67	37.80	
1895, . .	75,505	6,686	1,438	37,865	29,516	8.86	1.90	50.15	39.09	
1896, . .	86,403	7,278	1,350	43,144	34,631	8.42	1.56	49.94	40.08	
1897, . .	92,326	7,416	1,507	47,078	36,325	8.03	1.63	50.99	39.35	
1898, . .	98,023	7,984	1,139	48,356	40,544	8.15†	1.16	49.33	41.36	

Useful data as to the effect upon the number of accounts due to the adoption of a system of obligatory insurance may be found in the experience in Italy, shown in the following comparisons, in which accidents are classified according to frequency :

1st. Under the system of voluntary insurance :

	Per 100 Accidents
Number of cases of death, . . . . .	1.30
Number of cases of incapacity, permanent, . . . . .	3.36
Number of cases of incapacity, temporary, . . . . .	95.34
	100.00

2nd. Under the system of obligatory insurance :

	Per 100 Accidents
Number of cases of death, . . . . .	1.32
Number of cases of incapacity, permanent, . . . . .	2.86
Number of cases of incapacity, temporary, . . . . .	95.82
	100.00

\* This table includes the accidents occurring in all industries covered by insurance, namely, manufactures, agriculture, constructional works, and enterprises conducted by the State.

† The proportion of fatal accidents is increased by including exceptional casualties, especially in mines, in which several persons are injured.

It will be seen that the proportion of accidents according to results does not vary appreciably under either system.

The number of accidents in proportion to the number of workmen has diminished since the passage of the law making insurance obligatory, as shown by the following table :

YEARS.	NUMBER OF ACCIDENTS	
	Total	Per 1,000 Workmen
1893, . . . . .	7,320	61.96
From November 1, 1898, to December 31, 1899, . . .	12,167	46.80

With regard to the advantages resulting to workingmen, the operations under the Italian Fund furnish, also, very valuable information.

The following figures were given to the Congress for the consideration of accidents to workingmen and social insurance of 1900 :

The proportion of indemnities was :

1st. Under the previous system of voluntary insurance :

	Per 100
Indemnities in case of death, . . . . .	26.7
Indemnities in case of incapacity, permanent, . . . .	29.6
Indemnities in case of incapacity, temporary, . . . .	43.7
	100.0

2nd. Under the present system of obligatory insurance :

	Per 100
Indemnities in case of death, . . . . .	47.4
Indemnities in case of incapacity, permanent, . . . .	29.8
Indemnities in case of incapacity, temporary, . . . .	22.8
	100.0

The average amount of indemnity per case was :

1st. Under the system of voluntary insurance :

Death, . . . . .	1,263	lire	\$252.60
Incapacity, permanent, . . . . .	548.8	lire	\$109.76
Incapacity, temporary, . . . . .	27.62	lire	\$5.52

2nd. Under the system of obligatory insurance :

Death, . . . . .	2,944	lire	\$588.80
Incapacity, permanent, . . . . .	850.6	lire	\$170.12
Incapacity, temporary, . . . . .	19.46	lire	\$3.89



Thus the average indemnity has more than doubled for each case of death and has increased considerably for each case of permanent incapacity. If the average indemnity has been reduced for each case of temporary incapacity, it is because the greater number of industrial establishments have limited insurance to the amount fixed by law. Despite this reduction, however, the average indemnity per accident has risen from 55.49 lire (\$11.10) to 88.49 lire (\$17.70).

*Insurance against Invalidity and Old Age.* — The German law provides for medical treatment through the medium of the invalidity and accident insurance organizations for the purpose of preventing invalidity.

This intervention is shown in a considerable number of cases, since the statistics indicate that in 1899, the invalidity insurance organizations expended, under this head, no less than 4,059,975 marks (\$1,014,993.75).

The sums devoted by these establishments to therapeutic aid apply not only to preventative but to curative measures. From 1891 to the close of 1899, these sums amounted to more than 11 millions of marks (\$2,750,000), of which more than four millions (\$1,000,000) were expended during the last year. The new law of July 13, 1899, can only extend in the future the part which invalidity insurance has already played in this direction. The insurance organizations have also devoted special efforts to the struggle against pulmonary tuberculosis.

In order to obtain still more satisfactory results, the invalidity insurance organizations have been led to found or encourage the founding of therapeutic institutes. As examples, may be cited those of Albrechthaus, Oderberg, Marienheim, Sulzhain, Schwarzenbach, Königsberg and Posen, which belong to insurance organizations and are devoted to the treatment of tuberculosis. The encouragement given towards founding such institutes consists of a loan, at a moderate rate (which is as low as 1.5 per cent in Upper Bavaria), of the capital necessary for such an enterprise.

These organizations have also improved the hygienic condition of the workingman's family by the construction of cheap dwellings under easy terms of ownership. This is only one of the means by which the companies seek to improve the condition of those insured, as shown by the following table :



METHOD EMPLOYED:	CAPITAL INVESTED IN MARKS AT THE END OF —	
	1898	1899
Construction of workmen's homes, . . . . .	35,392,118	52,036,115
Credit to farmers, . . . . .	35,820,064	45,271,688
Construction of hospitals, schools, execution of health measures, founding of savings funds, etc., . . . . .	13,680,434	36,421,762
TOTALS, . . . . .	84,892,616 (\$21,223,154)	133,729,565 (\$33,432,391)

The sacrifices which insurance against invalidity has imposed upon workingmen are very small compared with the advantages gained by them. Of 402 millions of marks (\$100,500,000) by which workingmen in Germany have profited, only 126 millions (\$31,500,000) were contributed by the employes. Of the rest, 126 millions (\$31,500,000) were paid by the employers and 150 millions (\$37,500,000) by the Empire. It appears that workingmen receiving a moderate wage have paid the greater part of the assessments. For example, those whose wages were 350 marks (\$87.50) or less, paid 21 per cent; those receiving from 350 (\$87.50) to 550 marks (\$137.50), 37 per cent; those receiving from 550 (\$137.50) to 850 marks (\$212.50), 24 per cent; and those receiving more than 850 marks (\$212.50), 18 per cent.

It should be added that mutual aid societies in France seek to combine their efforts in the struggle against tuberculosis with those of the accident insurance societies.

#### INFLUENCE OF INSURANCE ON THE CONDITION OF EMPLOYERS.

The influence of workingmen's insurance on the condition of employers appears first with regard to expense.

In Germany this is apportioned as follows: From 1885 to 1900, the employers expended a billion of marks (\$250,000,000) in grants to workmen, and, if the cost of administration and other expenses are included, the aggregate becomes a billion and a half of marks (\$375,000,000). The cost of insurance per day, according to a document presented by the German Government at the Universal Exposition of 1900,\* upon the

\* Ludwig Lass and Friedrich Zahn, *loc. cit.*, page 220.

basis of an average wage of 600 marks (\$150) for 300 days of labor, comprises the following items: Insurance against sickness, four pfennigs; against accidents, two pfennigs; against invalidity, four pfennigs. Total, 10 pfennigs (\$0.025). Of this, the employer bears one-half.

The document quoted considers that the expense is not too excessive a burden upon industry and, in support of this opinion, cites German employers. It points out that the profits of an industrial enterprise are influenced by other elements as important, at least, as the expense for workingmen's insurance, enumerating, among these, the variations in prices, in quality of raw materials, in rates of wages, in cost of transportation, in rate of interest, and in import duties of foreign countries. It points to the industrial progress of Germany, despite heavy expenses, which the German employers support for workingmen's insurance, as compared with those in other countries.

It is doubtless difficult to arrive at just conclusions upon so complicated a matter. The opinion seems warranted, however, that, owing to the numerous elements which affect the case, the ease with which a country may lay new burdens upon industry is dependent upon the particular industrial conditions which prevail at the time the new order goes into effect. There is a question of expediency involved in the choice of the time, and if they are instituted during a flourishing period of national industry, the new duties may be borne with relative ease.

These duties involve more than mere pecuniary co-operation. They require, also, the personal co-operation of the employers, in the administrative work. It may even be affirmed that that part of the burden was borne in Germany, at the beginning, at least, with least patience.

It is sufficient to recall the complaints which, because of the necessity of sticking stamps, each week, in the sickness insurance service,\* reached such a height as to give the law the name of *Klebegesetz* (paste-law). These objections seemed to be at once lessened by entrusting the execution of certain formalities of administration to the sick benefit institutions and communal authorities, and by the sentiment inspired in

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\* The payments required under the law are covered by stamps of different denominations, which are periodically attached to the cards held by the insured person.

employers due to the improved relations between capital and labor which the requirements of the insurance service brought about. The participation of workingmen in the administration, and as arbitrators in settling cases under the law, has enabled them to become better acquainted with their employers and has given them an opportunity for discussing methods of managing insurance in foreign countries. As an instance of this mutual understanding, the typographical industry in Germany established, in 1896, for a period of five years, a wage rate which was adhered to by 2,700 concerns in 880 different localities, representing a total of about 31,000 employes.

It must not be forgotten that, with regard to the workingmen's organizations, time is an essential factor. It is only after several years' experience, that a new right is exercised by individuals with that moderation and wisdom which demonstrates the strength of the law.

#### INFLUENCE OF INSURANCE ON THE CONDITION OF THE POPULATION AS A WHOLE.

The advantages which the population as a whole derives from workingmen's insurance are due to the nature of the benefits granted.

The improvements in the treatment of diseases introduced by insurance organizations benefit the whole population. Thus the aid stations provided, as an adjunct of accident insurance to render immediate relief, serve, not only workingmen who are injured, but are open to everyone. Their organization includes a perfected system for the transportation of the injured and sick. The increased use made of this by the population of Berlin is shown by the following figures: 1896, 16,003 cases; 1897, 20,043; 1898, 31,025, of which 26,375 were injuries and 4,650 diseases.

But the community as a whole is especially interested in the improvement of the public health through the efforts of the workingmen's insurance institutions.

At a Congress for the consideration of the struggle against tuberculosis held at Berlin in May, 1899, M. Köhler, president of the Imperial Health Office, showed that, for 1,000 persons living, the number of deaths from tuberculosis was decreased, as follows: 2.41 in 1892; 2.43 in 1893; 2.39 in 1894; 2.29

in 1895; 2.18 in 1896; and 2.17 in 1897. M. Schaper has shown also, in the Berlin Weekly Medical Review, that at the charity hospital, at Berlin, mortality from tuberculosis has diminished 20 per cent in 10 years. The accident insurance and invalidity insurance institutions have combined their efforts in this respect with those of charity relief societies and the Red Cross whose initiative, in 1895, determined the creation of a Central German Committee for the establishment of consumptives' hospitals.\*

From another point of view, we may rightfully expect considerable advantage to the whole population from the grants made from the public treasury for workingmen's insurance; inasmuch as it appears that such insurance ought to reduce the burden of expense for the relief of the poor. Attempts have been made in Germany to determine statistically the influence that the institution of obligatory insurance has been able to exert in this direction. Without reviewing the details upon which they are based, we present the conclusions formed in 1900 by the Imperial Insurance Office. These are three in number.

1st. Workingmen's insurance has lessened the cost of public charity relief. It is true that there has been no reduction in the number of persons assisted nor in the amount expended; but, in the absence of insurance, the persons insured would have had to appeal for aid. Moreover, there has been, occasionally, an actual decrease of expense. For example, in Dresden, the local association for aiding the poor paid to the hospital of the city only 52,636 marks (\$13,159), while the sick benefit funds and accident corporations paid yearly 150,000 marks (\$37,500), and the corporations also paid 12,000 marks (\$3,000) on the average, annually, to the almshouse.

2nd. The number of persons assisted and the expense incurred have not shown the same rate of increase since the introduction of insurance. With respect to sickness insurance, since the sick benefit funds grant assistance in amounts varying according to their rules, it is impossible to formulate a general conclusion. In the department of accident insurance the lightening of the burden of public aid is least, since legislation, based upon common right, had already guaranteed indemnities to the

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\* See for details upon this question Mons. Bellom's study of the mutual relations of charity relief and workingmen's insurance (*Revue politique et parlementaire*, March, 1901).



persons who now have recourse to insurance. But on the other hand, many injured persons, who would not have asked for charity relief, are benefited by insurance, particularly those who, being still partially able to work, have sufficient resources to deter their applying for such aid. The insurance law provides for them to the extent of their lessened productive capacity. Sometimes, indeed, the charity aid society ignores the fact that a person is insured and continues to assist him. Insurance against invalidity is, of the various branches, the one which has reduced and in the future will be likely to reduce most materially the burden of poor relief, such persons as were formerly assisted being now insured.

3rd. Charity relief has very often had to supplement the insufficient allowances made by workingmen's insurance, and to make provisional grants to unfortunate persons whom insurance ought to relieve. This condition is due to ignorance on the part of the charity aid society of the fact that the persons in question are insured, and also to the fact that the insurance allowances are insufficient to provide for all the necessities of the workingman's family.

#### INSURANCE AGAINST THE RISK OF DEPRIVATION OF LABOR.

This risk, limited as previously mentioned to involuntary idleness,\* has given rise to much thought and experiment. The problem can not fail to be complex, and this explains the failure of efforts inspired by the most generous impulses.

Confined by the limits of this review to a statement of what has been done, we believe that the most instructive summary is that presented to the international Congress of mutual aid societies in 1900 in the brilliant report of M. Eugène Rostand, who placed the question before the international Congress for the consideration of accidents to workingmen and of social insurance at Milan in 1894, and who formulated, in 1900, certain definite conclusions. Having shown that involuntary unemployment is, on account of its frequency and importance, one of the principal risks incurred by those who live by their daily labor, M. Rostand expressed the conviction that relief in unemployment is as legitimate a service of mutual aid societies as aid in case of sickness

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\* Unemployment.



or old age. In his opinion, the mutual aid society may provide for this service by two methods: (a) by the organization of insurance, properly so-called, which guarantees upon the payment of periodic assessments, certain fixed allowances; (b) by the creation of simple relief benefits from special funds, to be distributed optionally in proportion to these resources. M. Rostand preferred the former method as an adequate solution of the problem, but admitted the second. He added that among the objections made to the possibility of realizing insurance against involuntary unemployment, no one of which seemed to him to have been decisively demonstrated up to the present time, the more important lose much of their force when this insurance is given in the form of mutual aid. He emphasized the superiority, both on the moral and economic grounds, of the mutual aid society in providing such insurance, over governmental, industrial, or charitable agencies, or even the trade unions. He showed that, for the provision of insurance against involuntary unemployment, numerous and heterogeneous groups were preferable, and he maintained the necessity for the mutual aid society to proceed according to strict rules in providing insurance of this kind. Finally, he pointed out two methods by which, in his judgment, the Government might encourage insurance upon the mutual aid plan against unemployment; first, by preparing, for the use of mutual aid societies, actuarial tables of the risk involved; and, secondly, by encouraging, with grants, the societies that provide such insurance.

#### GENERAL REMARKS.

In analyzing statistical documents relating to workingmen's insurance in the nineteenth century, one cannot repress a feeling of astonishment and admiration in view of the important social results due to making such insurance obligatory. "These figures are affecting," writes M. Morisseaux in his work on Labor Legislation, referring to the results of workingmen's insurance in Germany, and he adds: "They show the importance of the social problem which is involved and the immense benefit resulting to the German population from the insurance laws."

The diffusion of insurance which obligatory provisions have brought about, the pecuniary benefits which it has given to

workingmen, the security which it guarantees to employers in bearing the consequences of their liability, and, finally, the hygienic benefits which it bestows upon all the people have shown the value of obligatory insurance to those who have experienced these advantages.

These praises, however, should not be limited to State insurance. Obligatory insurance, in view of its necessary consequences, is by no means dependent upon government organization. It allows recourse to institutions arising from private initiative within the limits defined by the law. Sickness insurance, both in Germany and Austria, is provided by various kinds of funds among which those who are obliged to contract insurance, may choose freely. The obligation lies in maintaining some fund (*Kassenzwang*) and not any special fund (*Zwangskasse*), and the conditions are the same in Germany with regard to insurance against invalidity.

In certain cases, the obligation to maintain workingmen's insurance has only been imposed after voluntary systems have been found inadequate, and, in the light of experience, resolute defenders of individual liberty, like M. Luzzatti, have not hesitated to admit the inefficacy of certain threats in bringing about a voluntary system of universal application; especially the threat that otherwise an obligatory system would be imposed. Within four years after the Congress for the consideration of accidents to workingmen held at Milan, during which M. Luzzatti acknowledged this, accident insurance was made obligatory in Italy.

It may be feared that individual initiative will be lost and thrift destroyed through the institution of obligatory insurance. Such fears are certainly justified when no correlative measures are taken to prevent the injurious effects which an absolutely obligatory system would have in this direction. It is possible, however, to guard against this, on the one hand, by reserving to personal effort the particular benefits which are due to thrift, and, on the other hand, by distinguishing clearly between the domains of assistance and personal foresight. Measures thus guarded have not only the effect of protecting the dignity of the individual by avoiding all confusion between the indigent and the insured, but they make it possible to see more clearly the results to be expected from

individual thrift, and to determine the limit of the sacrifices which should be required from society as a whole for the improvement of its less fortunate members.

In France, especially, there is no reason, at the present time, for fearing that thrift may disappear. The possibilities of individual initiative have just been shown, with admirable clearness. On the one hand, in the field of insurance, the department of social economy, in the recent exposition, placed before the whole world the results of the French mutual aid societies, whose three million members Senator Lourties, at the closing session of the international Congress of mutual aid societies, saluted with pardonable enthusiasm. On the other hand, in the realm of charity assistance, the international Congress of 1900 for the consideration of private and public charity revealed the ingenious means which have been developed for relieving human suffering through the combined effort of public and private charity. Through liberal and suitable legislation concerning their operations, still more is to be expected in the future from institutions which have been at work but a short time and whose organization is still incomplete. The progress made, in advance of governmental decrees, by creating unions of societies and by the generous attempts to combat the evils of alcoholism and tuberculosis shows the part which the mutual aid movement in France has aspired to play, not only with regard to workingmen's insurance, but as to hygiene and charity relief. The French Parliament seems, moreover, disposed to reserve a distinct place for institutions of private initiative in the general organization of workingmen's insurance which it is elaborating. Having distinguished under two heads the regulation of retirement pensions and of assistance to the aged, the Commission of insurance and social providence of the Chamber of Deputies has provided for the affiliation of societies for mutual aid as equivalent to the application of the system instituted by the law. Under these conditions, it would seem that the end most ardently to be desired is that personal foresight may render more and more narrow the limits within which public or private charity is required to supply the needs of those who find it impossible, on account of insufficient resources, to provide for their old age, or for the future of their families, by means of insurance.

## SECTION II.

## SUMMARY OF PROVISIONS RELATING TO WORKINGMEN'S INSURANCE IN EUROPE.

## AUSTRIA.

*Sickness Insurance.* — Insurance against sickness is compulsory for workmen and employés engaged in factories and mechanical trades, quarries, and building construction, and voluntary for employés in agriculture and mechanics working at home (home industrials). It is administered upon a basis similar to that in Germany, hereinafter referred to, and sustained by similar contributions from employers and employés, similar benefits being secured, except that the term of relief is 20 weeks, and sick pay is allowed up to 60 per cent of ordinary daily wages.

The following associations comprise the organization of the sickness insurance: Miners' Associations (*Bruderladen*); District Associations; Factory Associations; Building-trades Associations; Trade Guilds; Friendly Societies.

According to the latest available official report on the sick funds instituted under the Sickness Insurance Law,\* the total number of these funds in 1898, exclusive of 12 which sent no returns, or incomplete returns, was 2,928, compared with 2,927 in 1897; and their aggregate average membership was 2,349,746, compared with 2,285,233. The miners' provident funds, *Bruderladen*, are not included in these or the following figures: †

The number of cases of sickness, in respect to which sick-money was paid in 1898, was 1,178,552, compared with 1,158,388 in 1897, and the number of days of sickness, 20,477,265, compared with 20,015,380. In 1898, as in previous years, the number of cases of sickness per 100 members was smaller among women than among men, when confinements are not counted, viz., 43.9 for the former, and 49.3 for the latter. The average duration of an illness has, however, been greater for women than for men in each year (19.3 days for the former, and 16.4 days for the latter in 1898). As a result, the number of days of sickness per member has been greater among women than among men in each of the years 1890-1898, except 1896

\* *Die Gebarung und die Ergebnisse der Krankheitstatistik der nach dem Gesetze vom 30. März 1888 (R. G. Bl. Nr. 33), betreffend die Krankenversicherung der Arbeiter, eingerichteten Krankenkassen im Jahre 1898.* Vienna, Government Printing Office, 1900. Translated and summarized by the English Dept. of Labor.

† See page 116.



In 1898, the average was, for men, 8.06, and for women, 8.50 days. By including confinements, the number of cases of sickness per 100 women members in 1898 is brought up to 53.5, and the number of days of sickness per woman member to 11.10.

The total income of the sick funds in 1898 amounted to \$8,965,120, compared with \$8,443,975 in 1897, and included contributions from employers to the amount of \$2,590,555 (\$2,444,400 in 1897), and from workpeople to the amount of \$5,804,665 (\$5,444,300 in 1897). The total expenditure was \$8,368,155 (\$7,919,930 in 1897), and included \$7,115,770 in sick, and \$210,135 in funeral benefits (\$6,772,660 and \$204,635, respectively, in 1897), and \$655,470 (\$613,980 in 1897) for administration. The excess of income over expenditure (*i.e.*, the amount paid into reserve funds) was \$596,965 (\$524,045 in 1897), the total value of the reserve funds at the end of the year being \$6,860,845, their value at the beginning of the year having been \$6,263,880. The amounts added to reserve in 1898 were 7.11 per cent (6.64 per cent in 1897) of the total contributions of employers and employed, whereas, according to the law, they should have amounted to at least 20 per cent of those contributions.

The average amount of sick and funeral benefits granted per insured person in 1898 was \$3.11 (\$3.05 in 1897), while the average sum contributed by each person was \$2.46 (\$2.37½ in 1897).

Particulars of one of the classes of sick funds maintained by the Trade Guilds, *viz.*, the funds for sick journeymen, are included in the foregoing. In addition, there were in 1898, 337 special sick funds for apprentices employed by members of Trade Guilds. These had an aggregate average membership of 58,301; receipts amounting to \$71,795; an expenditure of \$60,575; and reserve funds amounting, at the end of the year, to \$93,620. There were 11,769 cases, and 170,366 days of sickness, for which benefits amounting in the aggregate to \$50,535, including \$510 burial money, were paid.

*Accident Insurance.\** — Accident insurance is compulsory for workmen and employes receiving up to \$500 yearly in factories, workshops, mines, quarries, building trades, transportation, agricultural and forestry work, in which machinery is employed, and certain other occupations, especially subject to accidents. It is administered through district insurance institutions, and through an association especially organized for employes on the government railways. The contributions are made, 10 per cent by employes, and 90 per cent by employers, according to wages and risks. The benefits secured cover: (1) an accident pension up to 60 per cent of wages, computed from the fifth week; and (2) funeral expenses in case of fatal acci-

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\* *Die Gebarung und die Ergebnisse der Unfallstatistik der im Grunde des Gesetzes vom 28. December, 1887 (R. G. Bl. Nr. 1 ex 1888), betreffend die Unfallversicherung der Arbeiter errichteten Arbeiter-Unfall-Versicherungsanstalten im Jahre 1898.* Vienna, Government Printing Office, 1900. Translated and summarized by the English Dept. of Labor.



dent up to \$10.50, with a pension to survivors up to 50 per cent of the yearly earnings.

Excluding the bulk of the mining and allied trades, in which the old provident funds known as *Brudersladen* have been retained, there were in Austria, at the end of 1898, 246,050 establishments with an average number of 2,200,112 workpeople, subject to the Accident Insurance Law, compared with 236,413 establishments and 2,077,473 workpeople the year before.

The total wages of the insured workpeople, according to the returns sent in by the employers for the purpose of the Accident Insurance Law,\* amounted to \$223,800,000, as compared with \$209,662,500 in 1897.

Out of a total of 75,146 accidents reported in 1898, 20,976 (27.9 per cent) were accidents entailing compensation under the Accident Insurance Law, while as to the remaining accidents, the large majority of the injured persons were excluded from the operation of those laws, because they recovered within four weeks, during which time they received medical relief and sick pay under the provisions of the Sickness Insurance Law.

The following table classifies approximately, according to the gravity of their results, the 20,976 accidents reported in 1898, which entailed compensation, the corresponding figures for the years 1893-97 being given for comparison:

NUMBER OF ACCIDENTS.

RESULT OF ACCIDENTS.	1893	1894	1895	1896	1897	1898
Death, . . . . .	649	670	835	929	929	977
Permanent disablement, . . . . .	3,244	3,701	4,924	5,399	5,046	5,282
Temporary disablement (over four weeks),	7,008	8,181	10,636	12,216	13,686	14,717
Total accidents entailing compensation, . . . . .	10,901	12,552	16,395	18,544	19,661	20,976

PROPORTION OF ACCIDENTS PER 1,000,000 DAYS WORKED.

Death, . . . . .	2.3	2.3	2.3	2.4	2.3	2.3
Permanent disablement, . . . . .	11.5	12.5	13.5	14.0	12.6	12.6
Temporary disablement (over four weeks),	24.8	27.5	29.1	31.7	34.2	35.1

In comparing the figures for 1895-98 with those for earlier years, allowance has to be made for the additions to the list of trades subject to accident

\* In these returns, the annual earnings of a workman are counted up to \$500 only, any excess of annual earnings above that amount being omitted from the calculation. But this does not apply to railway servants, whose entire earnings have to be returned.

insurance made by the law of July 20, 1894. Most of the people affected by this extension of the law were railway servants.

The number of persons, to whom annuities were granted in 1898 in respect of permanent disablement, or for the loss of their breadwinners, was 6,918, viz., 5,058 for the former, and 1,860 for the latter reason; the average value of these annuities was \$35.93 (\$37.97 for annuities of the former, and \$30.35 for those of the latter class). At the end of 1898 there were 32,717 persons (compared with 26,252 the year before) in receipt of such annuities, the number and average value of each class of annuity being shown in the following table:

CLASS OF ANNUITANTS.	Number of Annuitants	Amount of Annuities	Average per Annuitant
Widows, . . . . .	3,506	\$124,025	\$35.37
Children, . . . . .	5,850	134,580	23.00
Parents, etc., . . . . .	489	12,275	25.10
Invalids, totally disabled, . . . . .	1,448	164,195	113.39
Invalids, partially disabled, . . . . .	21,424	702,810	32.80
TOTALS, . . . . .	32,717	\$1,137,885	\$34.77

The total income of the accident insurance institutions in 1898 was \$4,747,-840, as compared with \$3,996,840 in 1897, while the expenditure exceeded that sum by \$279,195, compared with \$591,530 in 1897, and \$1,400,840 in 1896. The chief items of income in 1898 were \$4,256,375, contributions of employers and workpeople (\$3,590,680 in the previous year), and \$456,770, interest on investments. The chief items of expenditure were \$2,548,805, set aside as the capital value of annuities accorded during the year, \$1,997,-080 actually disbursed during the year in paying compensations for accidents, and \$420,375, cost of administration.

*Old-Age Insurance.* — There is no provision for invalidity insurance except for employes in mines, for whom such insurance is compulsory, administered through miners' relief funds, maintained by equal contributions of employers and employes, and securing: (1) invalid pensions at least \$42.50 for men and \$21.25 for women, and (2) widows' and orphans' pensions up to three-fourths of the invalid pension rate. The operation of the Miners' Provident Funds, not only with respect to pensions, but also as to sickness and accidents, follows.

*Miners' Provident Funds.\** — The obligation to insure against

\* Translation and summary by the English Dept. of Labor based on: (1) *Gesetz vom 28 Juli, 1889, betreffend die Regelung der Verhältnisse der nach dem Allgemeinen Berggesetze errichteten oder noch zu errichtenden Bruderladen*, Reichsgesetzblatt, 127; (2) *Allgemeines Oesterreichisches Berggesetz vom 23 Mai, 1854*, Reichsgesetzblatt No. 146; and (3) *Statistisches Jahrbuch des K.K. Ackerbau-Ministeriums, 1894 und 1895, Part II.*

accidents and sickness which was imposed on certain trades in Austria by the Accident Insurance Law of December 28, 1887, and the Sickness Insurance Law of March 30, 1888, was already in existence for the mining industry in virtue of sections 210-214 of the General Mining Code of May 23, 1854.

Under this enactment every mine owner is obliged, either to form a special provident society (*Bruderlade*) for his own mine, or to arrange with other mine owners for the formation of a joint society. These societies are now regulated by a special law dated July 28, 1889, and by the ordinances of September 11, 1889, and November 15, 1890, and the laws of December 30, 1891, September 17, 1892, and May 6, 1893. Each society must have two separately administered funds, one for the payment of sick and funeral benefits, and the other for the payment of pensions to members incapacitated through sickness, accident, or old age, as well as to the widows and orphans of deceased members.

Full membership, entailing a claim to all of the above benefits, is compulsory for regular miners only.

Insurance against sickness and accident is obligatory for mining officials (*e.g.*, overseers), receiving not more than \$500 per annum, and for workpeople employed in or about the mines on temporary operations not directly connected with mining; while insurance against sickness is obligatory for all mining officials without exception.

The sick and funeral benefits paid by the sickness branch of the fund must not be less than the benefits provided under the general Sickness Insurance Law in the case of workpeople engaged in other trades. The annuities granted by the pension branch must not be less than \$41.66 for male, and \$20.83 for female members of the society. The widow of a deceased member must receive an annuity, payable until death or remarriage, of at least one-third; each legitimate child, up to the completion of his or her fourteenth year, an annuity, if the father only is dead, of at least one-sixth, or if both parents are dead, one-third of the pension which the deceased father was receiving, or which he could have claimed had he been permanently invalided. The combined pensions of widow and children must not, however, exceed three-fourths of the pension of the deceased member. The funds needed in order to enable the societies to fulfil their obligations under this law are provided by equal contributions from employers and employed, except in the case of officials receiving over \$500 a year, who bear the whole expense themselves. Both the sickness and the pension branch must accumulate reserve funds, the amount of which is regulated according to principles laid down in the law.

Each miners' society is managed by a committee, two-thirds of whose members must be workmen, the remaining third, including the chairman, representing the employers. The by-laws of the society have to be approved by the Government

authorities for administering the General Mining Code. Each society is bound to furnish annual returns and statistics to the Government, and these form the basis of the reports on Miners' Provident Societies, issued annually by the Ministry of Agriculture.

The following particulars, showing the operations of the funds in 1896, are based upon the official statistics for that year, published on November 1, 1900: \*

Of 197 sick funds, with an aggregate average membership of 148,192, whose returns were utilized for the 1896 statistics, eight with an average membership of 7,879 (7,745 males and 134 females) were connected with State mines, while 140,313 persons (132,783 males and 7,530 females) were insured in 189 private sick funds. The total expenditure on sick and funeral benefits in the private sick funds was \$599,060 in 1896; their costs of administration were \$57,420, and their other expenses \$19,030, making a total expenditure of \$675,510. The total receipts amounted to \$743,070, of which \$693,960 consisted of current contributions (\$377,595 from workpeople, and \$316,365 from employers). On an average, each member received for himself or his family benefits during the year amounting to \$4.27 in return for contributions amounting to \$2.68.

There were in 1896 (in all sick funds, State as well as private) 113,479 cases of sickness, excluding confinements, involving, in the aggregate, 1,598,966 days of sickness. There were 237 confinements, entailing 6,864 days of sickness. The average number of days of sickness per member during the year was 10.93 for men, and 8.26 for women, or, if confinements be counted, 9.15. The average cost of a day of sickness was \$0.36½, and of a case of sickness, \$5.22.

Excluding funds with no members now actively employed, the report shows that 210 funds providing pensions† in case of permanent incapacity, whose returns relating to the year 1896 could be utilized, had an average membership of 141,870, of whom 131,052 were entitled to full, and 10,818 to partial benefit, the latter being insured against accident only, and the former against sickness and old age as well as accident. The total contributions paid in 1896 by full-benefit members amounted to \$748,640, and those paid by partial-benefit members to \$19,750, corresponding approximately to weekly payments per active member of 10½ cents and 3½ cents, respectively. The employers' contributions to the pension branch for both benefits amounted to \$779,560, or about 10 cents per active member (of either class) per week. For the purpose of providing the minimum benefits prescribed by the law, employers and workpeople have to contribute in exactly equal proportions.

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\* *Beiblatt zu den "Amtlichen Nachrichten," betreffend die Bergwerksbrüderladen, Vienna, Nov. 1, 1900.* Translation and summary by the English Dept. of Labor.

† The details relating to pension funds refer to funds maintained in connection with State as well as private establishments, it having been found impossible to deal separately with the two classes.



The fact, that the amounts which accrued from contributions are not quite the same for both classes of contributors, is stated to be probably due to some employers voluntarily contributing more than their legal share (by way of helping the society towards a better financial footing), and to some workpeople insuring for pensions in excess of the legal minimum (for which excess they have to pay the whole of the extra premium, the employers not being bound to contribute).

The average number of persons drawing pensions from 236 funds in 1896 was 38,251, and the total sum expended on pensions, \$912,560. Of these 38,251 pensioners, 13,403 were ex-miners, and received pensions of an average yearly value of \$43.37; 15,060 were widows receiving, on an average, \$17.75, and 9,788 were orphans receiving, on an average, \$6.54 per annum.

Besides contributing to their Miners' Provident Fund, or *Bruderslade*, all mine owners in Austria are obliged to contribute annually to a central reserve fund for helping the *Brudersladen* to bear extra burdens resulting from accidents through which more than five persons have been killed or disabled. This Fund is administered by a Commission of 10 members including four representatives of Government departments, four mine owners, and two miners, the last six members being nominated by the Government.

The Commission fixes the annual contribution to the central reserve fund at a rate which must not exceed 0.1 per cent of the wages bill of an employer for the preceding year.

The sum contributed on this basis by employers in 1899 was \$25,999.60. The amount of the Fund at the end of that year was \$135,886.41. Two accidents of the kind contemplated by the Fund occurred in 1899 (in coal mines). In one of these accidents, six workmen were fatally injured and left four widows and four orphans; in the other, six workmen sustained severe injuries.

#### BELGIUM.

*Sickness Insurance.* — Insurance against sickness is voluntary through mutual aid societies (*Sociétés de Secours Mutuel*, "Friendly Societies") on substantially the same basis as in Italy, France, and elsewhere. The increase in the number of sick benefit societies in Belgium, under the law of June 23, 1894, modified by subsequent liberal legislation affecting their



operation, is shown by the following figures, taken January 1st in each year :

1895 —	584 societies,	79,110 members.
1896 —	742 societies,	93,241 members.
1897 —	917 societies,	109,050 members.
1898 —	1,127 societies,	132,285 members.
1899 —	1,381 societies,	164,200 members.
1900 —	1,615 societies,	191,200 members.

Employés in mines receive sick benefits from special funds connected with the different mining companies supported by mutual contributions from employers and employés, the employer's share being the larger.

*Accident Insurance.* — There is a national institution\* affording aid to workmen who have been injured by accidents, in the nature of charitable relief, and numerous private funds maintained by employers either independently or by co-operation with employés,† but no general provision under law for accident insurance except for employés in mines.

Employers of labor in that industry are bound by the terms under which they hold their concessions to belong to one or the other of six provident associations, or Miners' Relief Funds, established by Royal Decrees.‡ These associations were founded for the purpose of affording relief, and for the payment of pensions to disabled miners, to their widows, under certain conditions to their parents, and, finally, to their children up to the age of 12 and 14.

The statutes of the six relief funds have many provisions in common, but there are some important variations, especially as regards the contributions and the rates of the relief afforded. Each of the funds is administered by a Board on which the Government, the employers, and the workpeople are represented. Only two of the funds, viz., those of Luxembourg and the Centre, now continue to make a deduction from the workmen's wages. It is possible that before long these two

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\* *Caisse de Prévoyance et de Secours en Faveur des Victimes des Accidents du Travail.*

† Paying not only accident benefits but in some cases sickness and superannuation allowances. These are in general similar to the private funds in England and France referred to in Sections III and IV.

‡ Liège, 1839; Namur, 1839; Mons, 1840; Charleroi, 1840; Centre, 1841; Luxembourg, 1844. This account of the Funds, and also of the *Caisse Générale d'Epargne et de Retraite* which follows, is reproduced from a report on the Provision for Old Age by Government Action, issued by the English Labor Department.

funds may change their present system, though in reality there is but little difference, as the wages throughout the mining districts are very much the same, the workmen in the Centre and the Luxembourg receiving slightly higher wages, the difference being equivalent only to the amount deducted in support of their respective relief funds.

In accordance with the statutes at present in force, employers contribute at the following rate to these funds :

Liège, 2 per cent of the wages paid.

Charleroi,  $1\frac{1}{2}$  per cent of the wages paid.

Namur,  $1\frac{1}{2}$  per cent of the wages paid.

Mons, 3 per cent of the wages paid (viz., 2 per cent to the Accident Fund and 1 per cent to the Superannuation Fund).

Centre,  $1\frac{1}{4}$  per cent of the wages paid, the workman contributing also  $1\frac{1}{4}$  per cent.

Luxembourg,  $\frac{1}{2}$  per cent of the wages paid, the workmen contributing also  $\frac{1}{2}$  per cent. (The Luxembourg district consists almost entirely of stone and slate quarries).

In three of the funds, the statutes make no provision for the granting of life pensions in respect to old age *per se*; these are the Liège, Namur, and Luxembourg funds. The other three grant life pensions to workpeople on their reaching a certain age, and completing a certain term of service, although the pensions granted are small. The funds, whose statutes do not provide life pensions for old age, grant special relief to aged workpeople.

The following table shows the operations of the above six funds or agencies for granting pensions and relief to old and infirm miners, and, in the case of three of the funds, to their widows in each of the years 1895-97 :

YEARS.	Number of Persons who re- ceived Pensions or Special Relief	Amount of Pensions or Relief	Average per Person
1895, . . . . .	7,339	\$189,525	\$25.82
1896, . . . . .	7,745	199,960	25.82
1897, . . . . .	7,999	211,880	26.49

The total number of workpeople employed in the mines associated in the above funds was 118,490 in 1897, compared with 120,044 in 1896, and 119,063 in 1895. The expenditure of the funds in respect to old age and infirmity (\$211,880 in

1897) is considerably less than that in respect to accidents, which amounted in the same year to \$330,610, and was incurred in respect to 11,048 persons. It will be understood, from what has been said, that provision for old age is only a secondary object of these funds.

They all receive grants from the State and the Provincial Councils, the yearly State grant amounting to 45,000 francs (\$9,000), which is divided in relative proportions among the six funds. The Provincial grants vary considerably from year to year.

*Old-Age Insurance.* — We have mentioned certain provisions relating to old-age pensions in connection with some of the miners' funds. Until the year 1850, the question of old-age insurance in general had been but imperfectly dealt with by the creation of a few private pension funds.

The unsatisfactory condition of these institutions alarmed the Government, and they therefore decided to bring forward a scheme for the organization of a Superannuation Fund, the *Caisse Générale de Retraite*, specially instituted in favor of the working classes, and operating under the guarantee of the State. This Fund was instituted by the law of May 8, 1850.

In spite of all the efforts which were made for its propaganda, the results proved but insignificant, for at the close of the first period, the number of accounts which had been opened only amounted to 1,951, of which 1,397 represented deposits effected between 1851 and 1856. This failure may, to a certain extent, be attributed to the provisions of the law, but principally to the general indifference on the part of the public, and to the prevailing ignorance in regard to all matters connected with pensions. It was therefore found necessary, first, to render the public familiar with the most elementary forms of saving, prior to broaching the question of superannuation, and in 1859 the organization of a savings bank, in connection with the Superannuation Fund, was taken into consideration. A law to this effect was promulgated on the 16th of March, 1865, which came into force in regard to the Superannuation Fund (the institution now being termed the *Caisse Générale d'Epargne et de Retraite*) on the 1st of August, 1868.

The second period did not prove more successful than the first, as on the 31st of December, 1887, it was found that only

7,860 accounts had been opened since the 1st of August, 1868, the main portion of these being supplied by the Government, who established life annuities in favor of soldiers by means of the sums accruing from their pay (law of June 3, 1870). These unsatisfactory results may be partially attributed to the suppression of the propaganda, and also to the apprehension, on the part of the Fund, as to the consequences of the continued falling off of their revenues, owing to the depreciation of their investments.

The commencement of the third period of the existence of the *Caisse* (January 1, 1888), coincides with the coming into force of the reduction in the rate of interest, and the expenses of administration each to three per cent, and certain other changes, such as the adoption of Quetelet's mortality table.

The *Caisse* may now be said to have entered upon a new era. No efforts were spared to make the benefits of the institution as widely known as possible, and by the Royal Decree of October 25, 1890, the post offices were instructed to place their services at the disposal of the institution, a measure which has largely contributed to the success of the present working, and enabled the advantages of subscribing to become much more generally known.

Until 1891, very few employers had given any encouragement to their workpeople to save with a view to superannuation. The *Caisse* determined to have recourse to their assistance, and a circular was forwarded to owners of factories and employers of labor pointing out the necessity for their active intervention, both morally and materially, and, acting on the suggestion, a certain number of manufacturers have affiliated their workmen to that Fund.

The Chambers, after 1891, voted a subsidy to be divided among the recognized friendly societies with a view to encouraging the affiliation of their members to the *Caisse*. Mention must also be made of the creation in 1896 of scholastic superannuation societies, organized on the principles of friendly societies, whose objects are to affiliate children from six to 14 years of age to the *Caisse*, and to enable them to enjoy the benefits afforded by subscribing at so early an age.

The following table shows the number of new accounts opened, and payments made at three different dates, exhibiting the increase :



ACCOUNTS AND PAYMENTS.	1888	1890	1897
Number of new accounts opened, . . .	368	1,750	17,159
Total number of payments, . . .	4,887	18,570	171,506

The attention paid to the encouragement of saving among school children is specially noteworthy, the smallest subscriptions being received through the medium of societies formed for this purpose among the school teachers, who receive a small premium, in proportion to the sums paid in. Tables are hung up in many of the schools, showing the various amounts of pensions which can be obtained in accordance with the sums paid in, and the age at which these payments are commenced.\* Great encouragement is also given to adhesion to the *Caisse* by means of the local friendly societies, who undertake to collect the small weekly sums from their members.

Friendly societies in Belgium were formerly placed under the control of the Ministry of Agriculture, but on the establishment, in 1896, of the Ministry of Labor and Industry, they were confided to the care of the latter. It is subsequently that the great increase has taken place in their numbers, as in 1896 they amounted to 946, in 1897 to 1,256, and in 1898 to nearly 1,800, with a total of over 200,000 members. These figures relate to "recognized" friendly societies only, as the number of non-recognized societies is not known.

This great development was due, not so much to the increase in the number of friendly societies established for the supply of medical relief, etc., as to those which have been formed solely for the purpose of affiliating their members to the *Caisse Générale d'Epargne et de Retraite*, enabling them thereby to participate in the bounties given by the State and the provinces as an encouragement to workmen who may thus subscribe for a pension for their old age. It is estimated that about half of these societies exist for the purpose of providing medical relief, etc., and the other half solely for the affiliation of their members to the *Caisse*.†

\* See page 87 for other reference to mutual aid societies of this kind, especially in France.

† See, however, the figures, page 120.



The Report \* for 1898 of the General Savings and Old-Age Pension Fund in Belgium shows a great development in the business of the institution as an agency for acquiring old-age pensions guaranteed by the State.

The number of new accounts opened with the Fund for that purpose in 1898 was 43,873, compared with 17,159 in 1897, and 10,549 in 1896. Of these 43,873 new accounts, 38,547, as compared with 15,352 in 1897, and 9,497 in 1896, were opened in the names of persons stated to belong to the working classes, including domestic servants. The total number of payments made into the Fund for the purchase of old-age pensions, on new and old accounts, was 332,029, compared with 171,506 in 1897, and 111,020 in 1896, representing in the aggregate a sum of \$701,140, compared with \$529,735 in 1897, and \$511,715 in 1896.

Of the new accounts opened in 1898, only 1,458 were opened by the beneficiaries themselves; while 42,415 (97 per cent) were opened by intermediaries, the most important class of intermediaries being the Friendly Societies. The number of societies of this kind which had old-age pension accounts for their members at the end of 1898 was 985, as compared with 410 at the end of 1897.

Since 1891, the Legislative Chambers have annually voted subsidies in augmentation of sums paid into the old-age pension branch of the Fund through the medium of legally recognized Friendly Societies. Most of the Provincial Councils also vote sums each year for the same purpose. The Province of Hainaut, however, gives to workmen resident in the province, who have pension accounts with the Fund, subsidies irrespective of their pensions having been acquired through a Friendly Society.

From the report under review, it appears that a large number of employers of labor, who had heretofore acted as intermediaries in the purchase of old-age pensions for their employes from the Fund, have, since 1897, formed their employes into Friendly Societies. This will enable the employes to benefit by the State and Provincial subsidies just referred to.

The number of persons in receipt of pensions from the Fund at the end of 1898 was 3,332, compared with 3,056 at the end of 1897. The aggregate amount of the pensions in course of payment at the end of 1898 was \$247,915, compared with \$222,160 at the end of 1897, and the average value of a pension was \$74.39, compared with \$72.68 at the end of 1897.

Any person over 18 years of age may pay money into the Fund with the object of acquiring an annuity for himself or for another person, but persons, into whose account sums are paid by another, must not be under six years of age.

The rate of compound interest, on which the calculation of the cost of annuities is based, has been three per cent per annum since 1887.

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\* *Compte Rendu des Opérations et de la Situation de la Caisse Générale d'Epargne et de Retraite instituée par la loi du 16 Mars, 1865, sous la Garantie de l'Etat. Année 1898.* Brussels, 1899. Bruylant, 67, rue de la Régence. Translation and summary by the English Labor Department.

The annuity purchased may be immediate or deferred, and the terms of purchase may provide for the return of the capital at the death of the insured person.

The maximum annuity payable to any one person is \$240. A deferred annuity may be purchased either by a single payment, or by a series of payments, of which either, however, must suffice (having regard to the age of the insured person, and the time of life fixed for the commencement of the annuity) to purchase an annuity of at least 20 cents per week. Sums of not less than 20 cents each may be paid into the Fund, but they are treated as ordinary savings-bank deposits until enough has been paid in to purchase an annuity of 20 cents.

A person, who supports himself by his labor, may draw his deferred annuity before the stipulated time, but at a proportionately reduced rate, if he becomes unfit for work. Should this unfitness proceed from bodily mutilation, or from infirmities caused directly or indirectly by his work, the insured person becomes entitled to draw immediately such annuity as he may have acquired in respect to any sums which have been standing to his credit with the Fund for not less than five years. Annuities payable by the Fund cannot be assigned or attached except in the circumstances referred to in Articles 203, 205, and 214 of the Civil Code, respecting the reciprocal obligations of parents, children, and married people. In these circumstances, annuities exceeding \$72 a year may be attached to the extent of one-third, provided the remainder be not less than \$72.

A sum of \$5, as burial money, is paid out of the Fund to the relatives of deceased annuitants who are in indigent circumstances.

The law of May 10, 1900, introduced several important changes.

It provides that yearly bonuses, by way of subventions to moneys paid to secure pensions payable in old age, shall be granted by the State: (1) to persons who are purchasing an old-age pension from the national Superannuation Fund through a recognized Friendly Society, provided that their payments into the Fund on account of their pension do not exceed 60 francs (\$12) for the whole of a year; and (2) to all other persons purchasing such pensions directly from the national Fund except persons who pay direct State taxes exceeding certain specified limits, varying from 50 francs (\$10) per annum in places with less than 10,000 inhabitants to 80 francs (\$16) in towns with 50,000 or more inhabitants.

An old-age pension purchased from the national Fund, under the present law, must not fall due before the completion of the 55th, or after the completion of the 65th year of the beneficiary's age. Hitherto the limits have been 50 and 65 years of age. The annual bonus payable as the subvention of the State is fixed at 60 centimes on every franc up to 15 francs (*i.e.*, 60 cents on every dollar up to \$3) paid into the Fund in the year on each pass-book. In the case of persons who had reached the age of 40 on January 1, 1900, the bonus will be paid on every franc up to 24. When the amount standing to a person's credit with the Fund has reached a sum sufficient to

purchase a pension of 360 francs (\$72) per annum, commencing at the age of 65, the payment of bonus will cease.

The law also provides that all necessitous Belgians, who are (or have been) workpeople, who reside in Belgium, and who shall have reached the age of 65 years by January 1, 1901, are to receive an annual allowance of 65 francs (\$13). The same allowance will be paid, on their reaching the age of 65, to persons whose age on that date is not less than 55; but in the case of those who are less than 58 years old, the granting of the allowance is to be conditional upon their having, for at least three years, paid into the national Fund not less than three francs (\$0.60) per annum, or less than 18 francs (say \$3.60) in the aggregate.

In order to delay the expenses entailed by the present law, a special fund is to be established, the resources of which are to be supplied by (a) an annual vote of \$2,400,000 appearing in the ordinary Budget, and (b) special sums to be obtained from Parliament in the event of the resources provided under (a) being insufficient.

The report of a Commission appointed by the Belgian Government\* summarizes the grants made by the Belgian Parliament enlarging the sums paid into the fund through the Friendly Societies as follows: From 1891 to 1895 the yearly vote for this purpose was \$4,000; in 1896 it was increased to \$6,000; in 1897, to \$9,200; while for 1898, 1899, and 1900, sums of \$30,000, \$60,000, and \$120,000, respectively, were voted. In the future, as in the past, grants are to be made to recognized Friendly Societies existing for the purpose of affiliating their members to the national Superannuation Fund. These grants will be additional to those obtained by the members individually under the present law, and will amount to two francs (about 40 cents) for each pass-book on which at least three francs (about 60 cents) shall have been paid into the national Fund during the previous year. The amount necessary to cover these grants will be provided by a special vote.

The extent to which the practice of purchasing State-guaranteed old-age pensions through Friendly Societies has grown, since 1894, is shown by the following table:

YEARS.	Number of Societies through whom Payments into the Fund were made	Number of New Accounts opened with the Fund through Friendly Societies during Year	Amount paid into the Fund (Old and New Accounts) through Friendly Societies during Year	Amount of State Grants
1894, . . . . .	107	1,335	\$18,670	\$3,995
1895, . . . . .	147	2,978	22,605	5,995
1896, . . . . .	225	4,904	42,630	9,200
1897, . . . . .	416	12,930	116,055	27,235
1898, . . . . .	933	36,916	191,455	56,385

\* *Commission des Pensions Ouvrières; Rapport sur les Travaux de la Commission.* Brussels: Hayez, 112, Rue de Louvain, 1900. Translation and summary by the English Labor Department.



## DENMARK.

*Sickness Insurance.*—Sickness insurance is voluntary through mutual aid societies which devote themselves to that branch of insurance and receive subventions to their sick funds from the State.

At the end of 1899, the total number of Friendly Society Sick Funds recognized and subsidized by the State under the law of April 12, 1892, was 1,014, with a total membership of 266,516, compared with 902 funds with 231,653 members at the end of 1898. Honorary members, paying contributions without being entitled to benefits, are not included in the figures just stated. The average number of days of sickness per member in 1899 was 5.7 for men and five for women, as against 5.3 and 4.7, respectively, in 1898.

The total expenditure of these sick funds in 1899 amounted to \$697,510 (compared with \$563,445 in 1898), of which total \$648,855 was disbursed in sick relief and \$48,655 went to defray the expenses of administration. The amount expended in sick relief was made up of the following items: Money allowances, \$281,655; doctors' fees and conveyance of patients, \$239,570; cost of medicines, etc., \$83,420; expenses of hospital treatment, \$44,210.

The total revenue of the sick funds in 1899 was \$729,945, compared with \$627,950 in 1898, the principal items being members' contributions amounting to \$466,770, and State subsidies amounting to \$197,265; while subventions amounting in the aggregate to \$14,595 were contributed by municipal and other local authorities.

*Accident Insurance.*—This is voluntary for workmen and employes, the liability of employers in case of accident being fixed by a statute passed January 4, 1898, and becoming effective January 18, 1899.

Under the provisions of this law \* accidents caused by the workman himself wilfully, or through gross carelessness, do not give rise to any claim for compensation.

The law applies generally to factories, workshops, and other places using machinery, establishments producing or regularly using explosive substances, quarrying, lime burning, stone cutting, well sinking, and ice getting, building operations, chimney sweeping, the construction of railways, tramways, roads, bridges, canals, etc., dockyards and waterworks construction, excavating, draining and dredging works, the laying down of sewers and gas and water pipes, the erection, maintenance, and removal of tele-

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\* *Lov om Arbejderes Forsikring mod Følger af Ulykkestilfælde i visse Virksomheder.* "Lovtidenden" for 1898, Nr. 2. Translation and summary by the English Dept. of Labor.

graphic, telephonic, and electrical connections, railway, tramway, and omnibus services, the loading, unloading, and storing of merchandise, diving and salvage operations, and the milling industry.

The compensation payable under the law is as follows: If uncertainty exists as to the ultimate effect of the accident, the injured person receives a daily allowance from the end of the thirteenth week after the accident until medical treatment has been completed, or disablement resulting from the accident may be pronounced to be permanent, or until death takes place. The amount of this sick pay shall, during complete disablement, amount to three-fifths of the daily wages of the injured person, but to not more than 2 kroner (about 54 cents), or to less than 1 krone (about 27 cents) per day. Should the accident entail, from the outset, or after a time, partial disablement only, the daily allowance is less according to the degree of disablement.

When the disablement has been declared to be permanent, the injured person receives, if the disablement be complete, a capital sum equal to six times his or her yearly wages, but not more than \$1,333.33 or less than \$500, and less in proportion if the disablement be only partial. In addition, the injured person receives, for a period of 13 weeks, a daily allowance calculated on the basis mentioned above. From the capital sum payable as aforesaid will be deducted the amount of any daily allowance paid pending uncertainty as to the character of the disablement caused by the accident.

In the case of death, the family of a deceased workman receives, besides burial money amounting to about \$13.75, capital sums as follows: The widow or any one other dependent receives a sum amounting to four times the yearly wages of the deceased, but not more than \$886.66, or less than \$333.33. If the deceased leaves more than one dependent, the "Insurance Council," established by the present law, decides as to the division of the money.

The amount payable in respect of any daily allowance is to be fixed by agreement between the parties, either party having the right to refer the matter to the decision of the Council; but the amount payable in respect of any capital sum receivable as compensation cannot be the subject of agreement between the parties, but must be decided by the Council. The headquarters of the Council are in Copenhagen, but its jurisdiction extends over the whole country. It is to consist of a chairman nominated by the King, two members (one of whom shall be a medical man) also nominated by the King, two employers and two workmen belonging to the trades subject to the law. The Minister of the Interior may appoint inspectors of factories and inspectors of recognized sick funds to serve on the Council as assessors. The two employers are to be chosen by the Minister of the Interior, and the two workmen by the committee of delegates of recognized sick funds, referred to in Section 24 of the law of April 12, 1892, relating to recognized sick funds. Substitutes for the two employers and two workmen are to be chosen. The term of office for all seven members of the Council is six years, but, of the employers and workmen appointed to begin with, one of each, as decided by lot, must retire at the end of three years. Members and assessors receive fixed salaries and their travelling expenses. Substitutes receive an allowance for each day on which they attend a meeting of



the Council (meetings being convened by the chairman). The expenses of the Council are paid by the State.

The employer is held liable in respect of claims for compensation under this law, unless he has insured himself against such claims in a mutual insurance association, or an insurance company with limited liability, but such association or company must have been accorded recognition by the Ministry of the Interior. Claims against an employer under this law take priority in bankruptcy.

Agreements between workpeople and employers, by which it is intended to evade, or which would lead to the evasion of the provisions of this law, or which would impose upon the workman the payment of the whole or any part of the insurance premium, are void. But where arrangements conferring on a workman or his family a right to compensation in case of accident may exist, he or they shall, in the absence of an explicit agreement to the contrary, have a right to only so much of such compensation as shall represent the excess thereof over the benefits conferred by the present law.

During the first year of its operation (January 15—December 31, 1899), the total number of persons injured by accidents, as reported to the Insurance Council, was 1,906.\* In regard to 435 of these persons, decision was reserved, while the claims of 229 other persons were rejected, either because they were shown to have been engaged in occupations not within the scope of the law, or because the accidents which they sustained were not of a nature giving rise to a claim for compensation under the law. Of the remaining 1,242 cases, 49 proved fatal, 243 entailed, and 950 did not entail permanent consequences. In all the 49 fatal cases, burial money was paid; but, so far as concerns compensation to dependents for the loss of breadwinners, such compensation was paid in 30 cases only, the deceased in 18 cases leaving no dependents, while in one other case these were provided for under an insurance effected by the employer.

The total amount paid as compensation for loss of breadwinners was \$24,415. The total amount paid in respect of permanent incapacity was \$48,385, viz., \$20,770 to 203 persons, whose working powers had been reduced by one-fourth or less, and \$27,615 to 40 persons, whose working powers had been severely impaired or entirely lost (one case) owing to an accident. Of the 950 cases not entailing permanent consequences, 31 received (from the end of the thirteenth week after the accident until recovery from its effects) daily allowances, as provided by the law.

*Old-Age Insurance.*—Strictly speaking, there is no provision in Denmark for old-age insurance, but under a law passed April 9, 1891, a special form of old-age relief was established, which is granted to any applicant 60 years of age or over, without regard to occupation, who is unable to provide the necessaries of life and proper treatment in case of sickness for himself or dependents. The relief granted under this law, it will be seen,

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\* Statistics from *Statistisk Aarbog*, published by the Danish Statistical Office. Translated by the English Dept. of Labor.

is charitable relief rather than an insurance annuity. The law provides, however, that the recipient of such relief retains all his electoral rights, whereas the recipient of ordinary poor relief is deprived of his vote. The relief is not fixed in amount, but must be sufficient for the support of the person relieved and of his family, and for free treatment in case of sickness. It may be given in money or in any kind of relief as circumstances require, or consist in free admission to a suitable institution. The recipient of relief under this law must not be in poverty due to his own fault; he must, for 10 years, have had a fixed residence, not been sentenced for vagrancy or begging, and not have received poor relief. The number of persons in receipt of and the cost of the assistance provided under this law are shown in the following table covering three different dates:

PENSIONERS AND DEPENDENTS.	1896 (Dec. 31)	1897 (Dec. 31)	1898 (Dec. 31)
<b>NUMBER OF PERSONS INCLUDING DEPENDENTS IN RECEIPT OF PENSIONS.</b>			
Heads of families, . . . . .	12,541	12,737	13,130
Single persons, . . . . .	25,434	26,311	27,629
Persons dependent on heads of families, . .	14,955	15,240	15,897
TOTALS, . . . . .	52,930	54,288	56,656
<b>COST OF PENSIONS.</b>			
To municipalities, etc., . . . . .	\$539,880	\$577,635	\$632,130
To State, . . . . .	541,705	586,100	632,130
TOTALS, . . . . .	\$1,081,585	\$1,163,735	\$1,264,260

It is stated that the persons in receipt of pensions, taking the average for the three years 1896-98, formed about one-fifth of the total population of Denmark over 60 years of age. This is exclusive of persons in receipt of temporary assistance, who are not included in the table, and who numbered 369 in 1898, as against 417 in 1897.

The number of applicants for relief under the law has increased steadily since 1891-92, so that the sum of \$555,555 per annum, originally fixed as the limit of the State grant, no longer sufficed to make up the half of the sum required during 1898-99, which falls upon the State, and a sum of 89,000 kroner (\$24,030) has been voted in the estimates for that year to supply the deficiency.

*Old-Age Insurance in Iceland.\** — Under a law dated July 11, 1890, a scheme of compulsory provision for old age and invalidity is in operation in Iceland. The following are its chief features :

In every Commune a relief fund must be established for the invalid and the old. Annual contributions have to be paid into this fund by all servants of 20 and not more than 60 years of age, including persons working with their parents, and day laborers. The following are not obliged to contribute : (1) persons without means who are responsible for the maintenance of one or more others who are unable to provide for themselves ; (2) those unable to earn wages owing to sickness or other causes ; and (3) those who have made some sort of provision against the time when they will have reached the age of 65.

The contribution amounts to 1 krone (27 cents) per annum for males, and 30 öre (eight cents) per annum for females. The male head of each household has to pay the contribution due in respect of each person who has lived with him during the year, but he may deduct the contribution from the wages of such of those persons as have worked for him.

The money is collected each year in spring (the collectors receiving as remuneration four per cent of what they collect) and is deposited at interest in the savings bank.

For the first 10 years after a fund has been established in each Commune, the whole of the money collected each year, together with accumulated interest, goes towards the formation of a reserve fund. But after the first 10 years one-half only of this money will be added to the capital, while the other half will be distributed amongst the old and infirm poor residing in the Commune, and not in receipt of ordinary poor relief, provided they belong, or have at any time belonged, to one or other of the classes of persons obliged to contribute under the law.

Owing to the clause providing for the accumulation of a reserve fund, no benefits can be paid under the law before the year 1900.

#### ENGLAND.

*Sickness and Old-Age Insurance.* — Sickness and old-age insurance is voluntary. The development of societies and associations and orders operating on the mutual aid plan, and paying benefits for various purposes, has been very great in England, and there are numerous societies of this class which provide sick pay and funeral expenses, and to a lesser extent, superannuation benefits, as provided in their rules, the funds usually being provided by the contributions of the members only ; that is, without aid from employers, and always without a bonus from the State. Among these the well-known Friendly

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\* This account is compiled by the English Dept. of Labor, from *Die Arbeitsversicherung im Auslande*, by Dr. Zacher Part I., *Die Arbeitsversicherung in Dänemark*. Berlin, 1898, Verlag der Arbeitsversorgung. A. Troschel.

Societies are important. Such societies may or may not register under provisions of law, but registration, while imposing certain obligations, confers certain distinct advantages, not the least of which is the publicity given to their operations, and societies having approximately 5,000,000 insured members are registered. Registry is effected through the registry office for Friendly Societies. The functions of this office, closely prescribed by law, include, among other things, the preparation and circulation, for the use of the societies, of model forms of accounts, balance sheets, and valuations; and the collection and publication from the annual returns which the registered societies are required to make, and from other sources, of such information on the subject of statistics of life and sickness, and the application thereof to the business of the societies, and of such particulars of their returns and valuations, and such other information, useful to the members or to persons interested in the societies, as the Chief Registrar may think fit. The registry office also publishes tables for the payment of sums of money on death, in sickness, or old age, or on any other contingency forming the subject of an assurance authorized by the Friendly Society Act, which may appear to be calculable. The adoption of such tables by a society is optional, however.

So far as relates to sickness, annuities, or similar benefits, the Friendly Societies, which may be registered under the law, may provide by voluntary subscriptions of the members thereof, with or without the aid of donations, for:

(1) The relief or maintenance of the members, their husbands, wives, children, fathers, mothers, brothers, or sisters, nephews or nieces, or wards being orphans, during sickness or other infirmity, whether bodily or mental, in old age (which shall mean any age after 50), or in widowhood, or for the relief or maintenance of the orphan children of members during minority; or,

(2) Insuring money to be paid on the birth of a member's child, or on the death of a member, or for the funeral expenses of the husband, wife, or child of a member, or of the widow of a deceased member, or, as respects persons of the Jewish persuasion, for the payment of a sum of money during the period of confined mourning; or,

(3) The relief or maintenance of members when on travel in search of employment, or when in distressed circumstances, or in case of shipwreck, or in case of loss or damage to boats or nets; or,

(4) The endowment of members or nominees of members at any age; or,

(5) The insurance against fire, to any amount not exceeding \$75, of the tools or implements of the trade or calling of the members.



It is provided that any Friendly Society which contracts with any person for the assurance of an annuity exceeding \$250 per annum, or of a gross sum exceeding \$1,000, shall not be registered under the Act. There is also provision for the formation and registration of cattle insurance societies for the purpose of insurance of farm animals.

A registered society must consist of seven members, at least, and the law is explicit as to details of management, investment of property, methods of keeping accounts and auditing of same, as to privileges conferred upon the societies, the rights of members, the adjustment of disputes, payments on the death of children and on deaths generally, and as to the general administration of the societies.

There are in England mutual aid societies popularly known as "Collecting Societies" to distinguish them from the Friendly Societies proper. These collecting societies are more akin to the industrial assurance companies,\* inasmuch as the managers, while not responsible as those of industrial assurance companies are to a body of shareholders, are under very little control from the persons insured, although these are nominally members. The two classes of societies have been thus distinguished by Mr. Ludlow, formerly Chief Registrar of Friendly Societies.†

FRIENDLY SOCIETIES.	COLLECTING SOCIETIES.
Combine relief in sickness with life insurance.	Limited to life insurance; relief in sickness discontinued, except in some cases to original members.
Monthly, or in some cases fortnightly meetings, the rule.	Meetings whether district or general practically disregarded by members.
Management inexpensive; officials generally appointed by intelligent consent of the members.	Management rarely costing less than 40 per cent of premium income; members practically excluded from voice in election of managers.
Promoted and conducted for benefit of members.	Promoted and conducted for benefit of managers.

Prior to 1896 the two classes of societies were dealt with under statutes termed "Friendly Societies Acts" which did not

\* Of the same general character as the companies doing industrial insurance business in the United States.

† House of Commons Paper 304, session of 1889.



discriminate between them. In 1896, however, two consolidating statutes were passed, one relating to Friendly Societies proper and the other covering the Collecting Societies and the Industrial Assurance Companies. At that time, the Collecting Societies were 43 in number, with 3,875,215 members, or an average of 90,121 members to each society. Their funds were about \$13,566,070, or an average of but \$3.50 to each member. On the other hand, the other societies making returns numbered 24,555, with 4,445,047 members, an average of 181 members each. Their funds amounted to about \$116,449,235, or an average of about \$26.19 each. As the present Chief Registrar remarks: \*

It will be seen that societies having an enormous number of members, in which each member has only a trifling interest in the funds, are entirely different from societies having a comparatively small number of members, each of whom is substantially interested in the funds. . . . The non-collecting societies have all the elements of self government, and can in general be safely left to work out their own salvation, with such assistance, facilities, and remedies as the Friendly Societies Act provides for them. The persons insured in the collecting class of society need much stronger measures of protection.

Under the Trade Union Act of 1871, Section 17 (34 and 35 Vict. c. 31), the registry of trade unions was vested in the registrars of the Friendly Societies in England, Scotland, and Ireland, and under the new law, 1876, a similar provision was incorporated. The principal unions pay sickness benefits and some pay annuities. The following table † shows for 100 principal unions the statistics for the years 1892-99 :

YEARS.	SICK AND ACCIDENT BENEFITS		SUPERANNUATION BENEFIT		FUNERAL BENEFIT	
	Total Amount	Average per Member	Total Amount	Average per Member	Total Amount	Average per Member
1892, . . . .	\$1,050,930	\$21.94	\$512,890	\$10.81	\$341,435	\$6.50
1893, . . . .	1,208,005	25.94	563,030	11.44	374,175	6.94
1894, . . . .	1,148,385	22.94	611,105	11.94	347,885	6.50
1895, . . . .	1,314,320	27.25	658,790	12.63	378,515	6.94
1896, . . . .	1,229,040	25.31	712,350	12.88	376,005	6.69
1897, . . . .	1,338,380	25.06	760,770	12.56	396,215	6.44
1898, . . . .	1,393,885	26.06	818,715	15.44	417,130	6.81
1899, . . . .	1,512,315	26.25	894,280	15.63	466,885	7.00

\* Report, 1896.

† This and the two succeeding tables are based upon the Seventh Annual Abstract of Labor Statistics of the English Labor Department.

The next table shows for these unions, classified by trades, the number of members in receipt of superannuation benefits, in each year.

TRADES.	NUMBER OF MEMBERS IN RECEIPT OF SUPERANNUATION BENEFIT AT END OF —							
	1892	1893	1894	1895	1896	1897	1898	1899
Building, . . . . .	865	967	1,098	1,190	1,281	1,362	1,447	1,577
Metal, engineering, and ship- building, . . . . .	3,615	3,838	4,134	4,422	4,725	4,960	5,317	5,633
Textile (carpet weavers only),*	52	49	58	72	73	69	76	82
Clothing, . . . . .	497	544	618	684	658	629	596	566
Transportation, . . . . .	105	119	128	100	114	127	127	162
Printing and bookbinding, . .	277	286	313	349	393	413	459	499
Woodworking and furnishing, .	260	265	294	309	311	317	333	385
Glass, . . . . .	256	259	264	274	297	311	314	344
Miscellaneous, . . . . .	77	88	80	89	84	91	91	96
ALL TRADES,† . . . . .	6,004	6,415	6,987	7,489	7,936	8,279	8,760	9,294

The final table shows the amounts paid out in superannuation benefits to the members in receipt of such benefits shown in the preceding table.

TRADES.	TOTAL AMOUNT PAID TO SUPERANNUATED MEMBERS IN —							
	1892	1893	1894	1895	1896	1897	1898	1899
Building, . . . . .	\$65,610	\$73,610	\$85,270	\$96,085	\$105,635	\$113,985	\$124,775	\$134,145
Metal, engineer- ing, and ship- building, . . . . .	342,270	377,055	403,025	431,990	463,410	496,390	534,165	587,655
Textiles, . . . . .	9,450	9,120	8,595	9,760	11,885	13,440	12,245	19,190
Clothing, . . . . .	25,130	27,940	32,260	35,975	36,915	34,815	35,275	33,280
Transportation, . . . . .	10,815	11,900	12,485	9,955	10,660	12,630	12,250	14,375
Printing and bookbinding, . . . . .	20,390	23,895	26,410	28,675	35,580	39,210	47,035	50,090
Woodworking and furnishing, . . . . .	19,850	20,295	22,220	24,580	25,395	26,240	27,695	28,815
Glass, . . . . .	13,640	13,550	14,955	36,040	17,230	18,275	19,090	19,850
Miscellaneous, . . . . .	5,735	5,695	5,885	5,730	5,640	5,785	6,185	6,880
ALL TRADES, . . . . .	\$512,890	\$563,060	\$611,105	\$678,790	\$712,350	\$760,770	\$818,715	\$894,280

\* One union of cotton spinners made no return of members receiving this benefit, although the amount expended was largely in excess of the one union of carpet weavers which did make return.

† Exclusive of those belonging to cotton spinners' unions.

From the evidence furnished in 1897 by Mr. John Burnett, chief labor correspondent of the Board of Trade, before the Parliamentary Committee on old-age pensions, it appears that there are approved unions that make special levies upon their members for the express purpose of paying superannuation benefits, the special fund which is raised in that way being usually invested in government, municipal, or other safe securities. The time at which the superannuation benefits begin varies in different societies, and in no case does it begin before the age of 50. Of late years, there has been a tendency to raise the age limit.

Speaking generally, as stated by Mr. Burnett, the whole of the members in trade unions are entitled to superannuation benefits, although there are some cases in which certain classes are not thus entitled. The proportion is so small, however, that it may be ignored. In the majority of cases, there is no invested fund specially set apart for superannuation purposes; such benefits are merely paid out of the general fund of the society. That is, in the majority of cases, the unions have no special annuity fund, inalienable and supported by definite contributions set apart for that purpose upon an actuarial basis. It is not supposed that a member who goes upon a superannuation benefit can become entitled at the same time to a sick benefit, or to unemployed benefit. He is practically shut out from any other benefit of the society, except, perhaps, a funeral benefit. In some cases, members receiving annuities are permitted to do a certain amount of work; in others, they are not allowed to work at their trade and receive a benefit at the same time.

Under English law, no member could enforce a claim for benefit of any kind against a trade union, the trade unions differing in that respect from the Friendly Societies.

The superannuation claims paid by trade unions are generally allowed by the central executive, and not by the district branches. Mr. Burnett explained to the committee that this is because it was felt that the allowance of such a benefit should be carefully watched, and therefore it had been generally decided that it should be granted only by the central authority. It was feared that the branches would be too sympathetically disposed toward the member, and would probably grant the benefit in every case without much inquiry.

*Accident Insurance.* — With respect to accidents to workmen, compensation is fixed by the Workmen's Compensation Act of 1897, which applies to persons employed on, in, or

about railways, factories, mines, quarries, or engineering work, the latter term covering any work of construction of a railroad, harbor, dock, canal, or sewer, or any building or other work on which machinery driven by mechanical power is used for the purpose of construction. All employes are covered if engaged in any employment to which the Act applies, whether in manual labor or otherwise, and whether the agreement with the employer is one of service or apprenticeship, or otherwise, and is expressed or implied either orally or in writing. It does not apply to persons in the naval or military service of the Crown, but otherwise it applies to any employé by or under the Crown, to which the Act would apply if the employer were a private person.

The employer, meaning by that term any person or body of persons, corporate or incorporate, is not liable under the Act in respect to any injury which does not disable the workman for a period of at least two weeks from earning full wages at the work at which he was employed; nor does any compensation accrue in case the accident occurs through the wilful misconduct of the injured person.

Provision is made for settling any disputes arising under the Act by means of arbitration, or through the ordinary court.

The amount of compensation fixed by the Act is as follows:

(a) Where death results from the injury:

(1) If the workman leaves any dependents wholly dependent upon his earnings at the time of his death, a sum equal to his earnings in the employment of the same employer during the three years next preceding the injury, or the sum of 150 pounds (£750), whichever of those sums is the larger, but not exceeding in any case 300 pounds (£1,500), provided that the amount of any weekly payments made under this Act shall be deducted from such sum, and if the period of the workman's employment by the said employer has been less than the said three years, then the amount of his earnings during the said three years shall be deemed to be 156 times his average weekly earnings during the period of his actual employment under the said employer;

(2) If the workman does not leave any such dependents, but leaves any dependents in part dependent upon his earnings at the time of his death, such sum, not exceeding in any case the amount payable under the foregoing provisions, as may be agreed upon, or, in default of agreement, may be determined, on arbitration under this Act, to be reasonable and proportionate to the injury to the said dependents; and

(3) If he leaves no dependents, the reasonable expenses of his medical attendance and burial, not exceeding 10 pounds (£50);



(b) Where total or partial incapacity for work results from the injury, a weekly payment during the incapacity after the second week not exceeding 50 per cent of his average weekly earnings during the previous 12 months, if he has been so long employed, but if not, then for any less period during which he has been in the employment of the same employer, such weekly payment not to exceed one pound (\$5).

In fixing the amount of the weekly payment, regard must be had to the difference between the amount of the average weekly earnings of the workman before the accident, and the average amount which he is able to earn after the accident, and to any payment not being wages which he may receive from the employer in respect of his injury, during the period of his incapacity.

Where a workman has given notice of an accident, he must, if so required by the employer, submit himself for examination by a duly qualified medical practitioner provided and paid by the employer, and if he refuses to submit himself to such examination, or in any way obstructs the same, his right to compensation, and any proceeding under the Act in relation to compensation, shall be suspended until such examination takes place.

The payment must, in case of death, be made to the legal personal representative of the workman, or, if he has no legal personal representative, to or for the benefit of his dependents; or, if he leaves no dependents, to the person to whom the expenses are due; and if made to the legal personal representative must be paid by him to or for the benefit of the dependents or other person entitled thereto under the Act.

The Act provides for the formation of insurance funds by the mutual act of the workmen and employers, out of which compensation may be paid to employes in case of accident. Such funds, if formed, are to be subject to the approval of the Registrar of Friendly Societies. If the Registrar of Friendly Societies certifies that any scheme of compensation or insurance for the workmen in any employment is on the whole not less favorable to the workmen than the provisions of the Act, the employer may, until the certificate is revoked, contract with any of those workmen that the provisions of the scheme shall be substituted for the provisions of the Act, and thereupon the employer shall be liable only in accordance with the



scheme, but, save as aforesaid, the Act applies notwithstanding any contract to the contrary made after it went into effect.

The Registrar may give a certificate to expire at the end of a limited period not less than five years, and no scheme shall be certified by the Registrar which contains an obligation upon the workmen to join as a condition of their employment. Since the passage of the Act many such schemes have been registered. If complaint is made to the Registrar by or on behalf of the workmen of any employer that the provisions of any such scheme are no longer on the whole so favorable to the general body of workmen of such employer and their dependents as the provisions of the Act, or that the provisions of the scheme are being violated and that it is being unfairly administered, or that satisfactory reasons exist for revoking the certificate, the Registrar is required to examine into the complaint, and if satisfied that good cause exists for the complaint, may, unless the cause of complaint is removed, revoke the certificate.

When a certificate is thus revoked, or expires, any moneys or securities held for the purpose of the scheme are to be distributed as may be arranged between the employer and workmen, or, in the event of a difference of opinion between them, it shall be distributed as may be determined by the Registrar. Employers are required to answer all inquiries and furnish such accounts with regard to any scheme of insurance which may be entered into between themselves and their employes as may be required by the Registrar.

The Act provides that in case of the bankruptcy of an employer who is entitled to any sum from insurers in respect to the amount due the workmen under the liability created by the Act, then the workmen shall be preferentially entitled to the sum as against the creditors.

#### FINLAND.

*Sickness Insurance.* — This is voluntary through mutual aid insurance as elsewhere described in connection with other countries having that form of insurance.

*Accident Insurance.* — Accident liability on the part of employers is fixed by the statute, covering workmen engaged in trade receiving pay up to \$150 yearly, and providing: (1) for the injured, sick pay up to 60 per cent of daily wages, or free

hospital with relief to the family up to 40 per cent of the wages, the benefit being in effect from the seventh day after the accident ; (2) for invalids, pension up to 60 per cent of yearly wages ; (3) for survivors, pension up to 40 per cent of yearly wages.

*Old-Age Insurance.*—Old-age and invalidity insurance is voluntary for all persons working for wages, administered through local pension funds, governed by their own rules, under State supervision.

### FRANCE.

*Sickness Insurance.*—Sickness insurance in France is voluntary \* through the medium of mutual aid societies. Prior to the law of April 1, 1898, such societies, from the point of view of their civil position, were divisible into three classes.

(1) Authorized Societies (*Sociétés Autorisées*), which had no civil rights, the authorization simply giving them a right of meeting. They were under certain disabilities with respect to receiving donations, bequests, and State subventions, and they did not enjoy the various facilities and financial assistance accorded by the State to the Approved Societies.

(2) Approved Societies (*Sociétés Approuvées*).

(3) *Sociétés reconnues comme établissements d'utilité publique*. This class possessed identical rights with the Approved Societies, but had the additional privilege of owning immovable property.

Statistics of the operation of the societies, and especially of Friendly Societies or Mutual Aid Societies created for the insurance against sickness of miners, have been given on pages 71–77, *ante*, and will therefore not be repeated here. It may be said, however, that the law of 1898 has put all the societies on a new basis, replacing the authorized societies by *sociétés libres*, which are free from many of the disabilities which attached to their prototypes. They can, for instance, sue or be sued in a court of law, and may accept gifts or legacies of movable property.

*Accident Insurance.*—Under the provisions of an employers' liability law passed April 9, 1898, provision is made for compensation for accidents to workmen in France. The following summary † covers its provisions :

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\* See also the provisions of the compulsory statute relating to seamen, page 144.

† From the Labor Gazette, English Dept. of Labor.

The law applies to workmen employed in the building trades, factories, workshops, and shipbuilding, etc. yards, in transport by land or water, loading and unloading goods, public warehouses, etc., mines and quarries, and in all establishments in which explosives are manufactured or used, or in which machinery is run by motor power (power other than that of men or animals),\* and provides compensation in the case of every accident, occurring in the trades coming under the law, which causes disablement lasting more than four days. But if the yearly wages of the workman injured exceed \$480, he is to be entitled under the law to full compensation in respect of his earnings up to \$480 only, every \$5 of earnings over \$480 counting, for the purpose of reckoning his claim for compensation, as \$1.25 only. Subject to this limitation, the employer is bound to provide compensation upon the following scale:

If the accident results in permanent complete disablement, the compensation is to be an allowance, paid quarterly, equal to two-thirds of the man's yearly wages; if in permanent disablement of a partial nature, a similar allowance equal to one-half of the diminution in the man's earnings due to the accident; if in temporary disablement, a daily allowance equal to one-half of the wages which the man was earning at the time of the accident, provided that the disablement lasts more than four days, such allowance beginning on the fifth day.

The compensation payable in respect of a fatal accident takes three forms, viz.: (1) the surviving wife, or husband, of the deceased will receive an annuity equal to one-fifth of the yearly wages of the deceased payable during life or until remarriage, in which event such survivor is to receive, in place of the annuity, a lump sum equal to three times the annuity; (2) the children of the deceased, including illegitimate children recognized before the accident, under 16 years of age, receive an allowance, payable quarterly, equal to 15 per cent of the yearly earnings of the deceased, if one such child only is left; 25 per cent, if two; 35 per cent, if three; 40 per cent, if more than three; but if the children have neither father nor mother alive, then they each get one-fifth of the yearly earnings of the deceased but so that they shall not receive between them more than 60 per cent of such earnings; (3) if no wife, or husband, and no child survive, but other relations dependent on the deceased are left, each such person shall receive an allowance, as specified in the law, the aggregate amount of such allowances not to exceed 30 per cent of the yearly earnings of the deceased. The employer is required to defray the cost of medical attendance and of medicines, and funeral expenses, up to \$20.

An employer may claim exemption from the payment of the temporary allowances provided by the law and the cost of medical attendance and

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\* By a law passed June 30, 1899, the act has been extended to cover accidents caused by the use of agricultural machines driven by mechanical power, so far as concerns injuries arising out of or in the course of the employment, and suffered by persons engaged in driving or otherwise in direct connection with the use of such machines, or with the motive power by which they are driven. If the injured person is not working for wages, or not for fixed wages, he is to be assumed, for the purpose of calculating the compensation due to him, to be working at the current wages for agricultural laborers of the district. Save as aforesaid, the law of 1898 does not apply in relation to agriculture.

medicines during a period not exceeding 90 days from the date of the accident, if he can show that he has caused his workmen to join a friendly society which provides for its members, if they meet with injury, free medical attendance and medicines and a daily allowance; but the employer must pay not less than one-third of the total contributions required from members of the society. If the daily allowance paid by the society is less than one-half of the daily wage of the workman, the employer must make up the difference.

An employer can claim a similar exemption, if he contribute an annual sum to a benefit fund for his workmen, established under the law of June 29, 1894, relating to provident and pension funds for mines and quarries, or upon lines similar to those laid down by that law. In either case, the amount and the conditions of payment of the contribution shall be agreed upon with the members of the fund and approved by the Government.

An injured person, entitled under this law to receive a life annuity, may, with the consent of the competent court, require that a part not exceeding one-fourth of the present value of the annuity be paid over to him (or her) as a lump sum in cash, or that such present value be employed in providing an annuity payable during the joint lives of himself (or herself) and his (or her) surviving wife (or husband), but so that the annual payments after his (or her) death shall not be more than one-half of those payable in his (or her) lifetime. But the total sum, for which the employer is liable, shall not be increased by any such arrangement.

Notice of every accident by which a workman is disabled, must, within 48 hours of its occurrence, be given by the employer, or his representatives, to the mayor of the locality, who has to notify the factory or mines inspector. If the doctor's certificate, which must be sent with the notice of accident, shows that the injury is likely to result in death or in permanent disablement, whether complete or partial, the mayor must inform the magistrate, who will hold an inquiry as to the accident, the persons entitled to claim compensation, and the daily and annual earnings of the injured workman.

Legal proceedings for the recovery of compensation must be taken within one year after the accident. If the injured workman is shown to have caused the accident by his culpable negligence, the court may reduce the allowance payable in his case below the scale fixed by the Act; the court may also award him compensation on a higher scale if the accident be shown to be due to the culpable negligence of the employer, or his representatives.

The claims of an injured workman, or his representatives, against an employer by virtue of this law are accorded special priority. In the case of claims arising from an accident resulting in permanent injury or death, such claims, if not duly met by the employer or by some insurance society or fund, are to be paid by the National Old-Age Pension Fund. For the purpose of enabling this Fund to meet claims of this nature, the ordinary industrial license tax is to be increased, and there is to be levied on mines a special tax, the sums thus raised being paid over to the Fund. The National Fund, however, will have the right to recover all moneys paid in respect of any such claim from the employer concerned, or from any society or fund with which such employer may have effected an insurance against his liability in respect thereof.



All societies or funds undertaking insurance against employers' liability for compensation for accidents are to be supervised by Government and are bound to form reserve funds or give security as shall be fixed by official order.

Any agreement in conflict with this law is absolutely void.

There is a State fund through which insurance against accidents is furnished (*Caisse d'Assurance en cas d'Accident*). Its operations, however, are somewhat limited.

In 1899, 920 assessments were paid into the fund, amounting to \$1,112.60; the income received from interest upon invested funds was \$44,754.20; and the total receipts for the year amounted to \$45,944.80. The total expenses were but \$62.20, leaving an excess of receipts over expenses amounting to \$45,882.60. From the time when the fund began operations, July 11, 1868, to December 31, 1899, there had been paid in premiums, on account of 43,481 persons insured, the aggregate sum of \$56,053.60. The expenditure on account of accidents and other expenses amounted to \$46,052, or 82.16 per cent of the payments, leaving an excess of \$10,001.60. On the other hand, grants made by the Government, special gifts, and arrears from income deposited annually, amounted to \$1,400,367.60, which, together with the excess shown above, gives a total excess of receipts over expenses, since the fund was organized, amounting to \$1,410,369.20.

For the 43,481 persons insured, the fund has had only 99 accidents, 73 of which resulted in permanent incapacity for labor, and 26 were followed by death. This is an average of 2.28 accidents per 1,000 persons insured.

By the terms of Article 1 of the law of May 24, 1899, the operations of the National Fund were extended to cover risks, under the law of April 9, 1898, against accidents resulting in death or permanent total or partial incapacity, beginning with July 1, 1899.

Accident insurance is compulsory in France for seamen, under a law dated April 21, 1898, which went into operation January 1, 1899. This also covers insurance against disease if incidental to the occupation.

For this purpose a National Fund is established in connection with the Seamen's Superannuation Fund, which has existed since 1681.\* The resources of this new Fund consist of the contributions of employers and employed, and also of gifts and legacies, and grants which may be made by the Departments or Communes, by public institutions, and by associations, and, in case of necessity, of advances, free of interest, by the State.

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\* The summary of the law was prepared by the English Dept. of Labor.



The contributions of seamen are to be made by compulsory deductions from their wages (one and one-half per cent on wages for crews paid by the month or voyage and those engaged in deep-sea fishing; for other seamen, specified sums, *e.g.*, for an ordinary sailor on a coasting vessel, paid on the share system, about 12 cents per month).

Shipowners and charterers have to contribute at the same rate, generally, as their crews. The contributions of both employers and employed may be increased or reduced if the position of the Fund requires or enables this to be done.

The benefits conferred are as follows: For permanent total disablement, a life pension; for temporary incapacity, a temporary allowance on the same scale. A life pension is also provided for the widow of a seaman whose death was due to accident or disease incidental to his occupation. A seaman, or a seaman's widow, further receives an extra allowance for each child under 10 years, unless a similar allowance is payable from the Superannuation Fund. Children of a seaman, if neither father nor mother survive, receive, until the youngest is 16, a joint allowance equivalent to the pension which their mother would have received, if alive. Parents or grandparents receive a pension if the seaman leaves neither widow nor children.

The annual amount of the pension due to an ordinary seaman, if suffering permanent disablement, is \$40.79; his widow will get \$38.39. If he left no widow or child, his parents or grandparents would receive a joint yearly allowance of \$19.20. These amounts are reducible by one-half in the case of persons receiving allowances from the Superannuation Fund or the State. The extra allowance for each child under 10 would be \$4.79.

The remedy given by the ordinary law in respect of deliberate wrongful acts or gross negligence is not taken away; damages recovered in respect of such acts or negligence will be deducted from the allowances provided under the new law.

*Old-Age Insurance.* — In France, compulsory provision for old age exists only in the case of seamen and miners. The State, however, undertakes the assurance of old-age pensions for all classes of the community who care to make the requisite payments, through an institution known as the *Caisse Nationale des Retraites pour la Vieillesse*,\* and provides a certain amount of assistance for those who avail themselves of this institution.

The *Caisse* was originally established by a law of June 18, 1850, but as it at present exists, its operations are based on the law of July 20, 1886. This law entirely reorganized the *Caisse*. The reorganization had become imperative for financial reasons. The loss to the treasury had become con-

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\* This account of the Fund, and of the provisions in France for the compulsory insurance against old age of miners and seamen, and of the operation of the Friendly Societies in France with respect to annuities, is from the Report on the Provision for Old Age in European countries, published by the English Labor Department.

siderable, chiefly on the ground that sums deposited were allowed to accumulate at a higher rate of interest (five per cent per annum) than that at which it was possible to invest them.

Sums may be paid in to the *Caisse*, and are there allowed to accumulate at compound interest. The sum thus accumulated is used for the payment of a pension at any age over 50 previously agreed upon. When the pension becomes due, the pensioner can, under certain conditions, leave the money to accumulate for a further term of years. The pension may be either a simple annuity terminating with the death of the recipient or, if preferred, may be paid subject to the proviso that the actual sum paid into the *Caisse* should be handed over at the death of the recipient of the pension to his representative. In the former case, the pension is said to be à *capital aliéné*, "money not returnable," and in the latter, à *capital réservé*, "money returnable." Each subscriber is provided with a book in which are inscribed the payments made by him and the corresponding pension to which he is entitled. The maximum pension which can be paid for is fixed at 1.200 francs (\$240). The minimum single payment into the *Caisse* is one franc (20 cents), and the maximum payment per annum, 500 francs (\$100), except in the case of payments (1) made in accordance with a judicial pronouncement, (2) made by public administrations on behalf of their employés, (3) made by Friendly Societies out of their pension fund.

The interest at which payments were allowed to accumulate was fixed by the law of 1886 at four per cent. This interest was lowered, so far as future payments were concerned, in January, 1892, to three and one-half per cent, and is now fixed annually by decree. The result was a decrease in the payments made by individuals, which fell year by year, until in 1894 the falling off amounted to more than 50 per cent of the payments made in 1891. Since 1894, they have, however, increased again, the interest allowed by the *Caisse* being still in excess of that obtainable by investment in government securities.

The payments made by individuals are, however, only a fraction of the whole, the bulk of the payments being made through intermediaries. Among these are the Friendly Societies, and the mine owners, which are separately referred to hereinafter (see pages 148-152), nearly all the principal railway companies, many large private employers, and public authorities on behalf of their employés. The use of the *Caisse* by such intermediaries has progressed continuously since 1886, and the effect of the diminution of interest above referred to is not so directly traceable in their case.

Individuals have, since 1886, favored the "money not returnable" and the intermediaries the "money returnable" method.

Prior to 1895, in which year the law establishing compulsory insurance of miners (referred to later) came into force, the amount paid by intermediaries according to the second of these methods was more than three times as great as that paid according to the first method. The contributions made to the *Caisse* in accordance with this law are, however, for the most part, paid on the former arrangement.

The following are the total payments made in 1896 :

CLASSIFICATION.	Money not returnable	Money returnable	Totals
By individuals, . . . . .	\$834,675	\$608,650	\$1,443,325
By intermediaries, . . . . .	2,217,300	3,922,050	6,139,350
TOTALS, . . . . .	\$3,051,975	\$4,530,700	\$7,582,675

The sources of these deposits may be grouped as follows:

Individual subscribers, . . . . .	\$1,443,320
Railways,* . . . . .	1,873,840
Public authorities,† . . . . .	767,315
Private employers (other than railway companies), . . . . .	448,585
Friendly Societies, out of their pension funds, . . . . .	1,882,910
Friendly Societies, on behalf of individual members, . . . . .	59,920
Mine owners, . . . . .	1,052,220
Others, . . . . .	54,565

At the end of 1896, 208,241 persons were in receipt of pensions to the total annual value of \$6,679,375, or an average of \$32.07 per head.

The total capital invested at the end of 1896 amounted to \$163,923,965, on which an average dividend was paid of 3.76 per cent.

No mention has been made of the financial assistance of the State to the creation of old-age pensions. Leaving on one side the special assistance accorded only to Friendly Societies, account may be taken here of three forms of State assistance.

The law of July 20, 1886, provided that, in the case of grave injuries, or premature infirmities entailing absolute incapacity for work, a pension might be drawn before the age originally fixed upon, and that this pension should be accorded an increment out of a special credit, the pension plus the increment not to exceed three times the value of the pension originally due, or \$72. In 1896, the credit of \$3,000 was voted, and by law of December 31, 1895, the income from half the product of the sale of crown jewels was allocated in the form of an endowment to this purpose. During 1896, 245 maimed and infirm persons drew pensions of the aggregate value of \$4,600 before the time originally stipulated, and increments amounting in the aggregate to \$320 per annum were accorded to 31 persons so situated.

A more important scheme is that provided for by the law of December 31, 1895. Under this law, persons 70 years of age‡ and upwards, who have paid contributions to the *Caisse*, or subscribed to an approved Friendly Society having a common pension fund for a specified number of years,

\* In addition to the funds deposited with the *Caisse*, certain of the railway companies have also special funds, the regulations of which, by the law of December 20, 1891, have to be submitted to the Government.

† The railway servants in the employ of the State are not included in these figures, all the railways, both private and State, being grouped together.

‡ The age has since been reduced to 68 (Budget Law of April 13, 1898).

whether consecutive or not (16 years in 1897, 17 in 1898, and so on until during and after 1905, when 25 years will be the number required), are entitled to an increment to their pensions. The whole pension with the increment must, however, not exceed \$72. A subsequent law, July 13, 1896, limits the increment to a fifth of the pension due. The law of December 31, 1895, also provides that a special bonus may be allotted to the parents of more than three children. A decision of the Minister of Commerce of December 23, 1896, fixed this bonus at 16 per cent of the pension due to the parents of four children, and four per cent for each additional child.

### *Compulsory Insurance against Old Age for Miners.*

The provisions with regard to the compulsory insurance of miners against old age are contained in a law of June 29, 1894, supplemented by decrees of July 25 and August 14 of the same year. The main provisions of the law are as follows :

The employer is bound to pay every month either into the *Caisse Nationale des Retraites pour la Vieillesse*, or into a special fund, a sum equal to four per cent of the wages of his employés, of which not more than half may be deducted from the wages paid. Employés receiving more than 2,400 francs (\$480) per annum only benefit by the law to the extent of that sum. This statutory amount may be increased by agreement between the two parties.

For the creation of a special fund, whether in connection with a single firm, or with associations of employers, legal authorization must be obtained in the form of administrative decree. The property of the funds can only be invested in certain specified securities, and their accounts are subject to inspection.

Payments into the *Caisse Nationale des Retraites pour la Vieillesse* made in accordance with this law are treated in the same way as ordinary payments through intermediaries. They cease to be obligatory at the age of 55 when the pension is paid unless the person entitled to it makes a request to the contrary. The payments are made on the "money not returnable" system, although the portion deducted from wages may, at the request of the employé, be paid into the *Caisse* on the "money returnable" system.

### *Compulsory Superannuation for Seamen.*

Every person entered on the register, or forming one of the crew of any French vessel, must have had himself officially registered as a seaman. He is then said to be an *inscrit maritime*, and as such, his compulsory service is naval instead of military. Every *inscrit maritime*, who has completed 25 years (300 months) of actual service afloat, whether in the navy or in the mercantile marine (including coasting trade, pilot service, and sea fishing), receives a pension when he has passed the 50th



year of his age. These pensions are purely civil, and are quite independent of pensions granted for service on ships of war.

They are provided out of a fund dating from the year 1681, and known as the *Caisse des Invalides de la Marine*. The bulk of the revenues of this fund is composed of sums deducted for superannuation from seamen's wages, dividends on government securities owned by the *Caisse*, and an annual subvention from the Government. The deductions from wages are now regulated by the law of April 11, 1881. In the case of seamen engaged by the voyage or the month, they amount to three per cent of wages, while in the case of seamen whose pay consists of a certain share of the profits (coasting and pilot vessels and sea fishing) a fixed amount is deducted. The revenue obtained from these deductions amounts to some \$380,000 per annum, the rates thus levied from the seamen being much lower than they would be if they were based upon an actuarial calculation. The Government grant amounts to \$2,200,000 per annum, and will probably have to be increased. It may be regarded as a substitute for the dividends of government securities of which the *Caisse* has on several occasions been deprived in the past.

The amounts of the seamen's pensions, as fixed by the law of 1881, vary according to the standing of the recipient from a minimum of 204 francs to a maximum of 780 francs (\$40.80 to \$156) per annum, or, including increases granted for five years' service on a government vessel, and for incapacity due to age (60 years) or incurred in the government service, from a minimum of 384 francs to a maximum of 1,068 francs (\$76.80 to \$213.60).

The widow or orphans of a deceased seaman receive a pension equal to half that to which he was entitled, or was actually drawing, at the time of his death. An increase of two to three francs (40 to 60 cents) per month is granted for each child up to the age of 10 years to the pensioned seaman, and after his death, to his widow. The amount of this increase is not included in the minimum and maximum rates of pension given above.

If a seaman continues to serve after he has completed 50 years of age, and becomes entitled to his pension, he still continues to pay the legal contribution towards the pension fund out of his wages. After attaining the age of 60, he receives an increase of two to three francs (40 to 60 cents) per month, according to his standing.

### *The Annuity Funds of Friendly Societies.*

The operation of the Friendly Societies in France, with respect to annuity payments, should receive some further notice. Prior to the law of 1898, the Approved Societies had the right of making two classes of deposits with the government depository known as the *Caisse des Dépôts et Consignations*, viz. :

- (1) Reserve funds withdrawable at five days' notice.
- (2) Pension funds not withdrawable, but to be used only for the purchase of pensions through the *Caisse Nationale des Retraites pour la Vieillesse*.



Both classes of funds received interest at a rate settled annually by the Budget Law, but all interest on the second class not absorbed in purchasing donations is capitalized each year. The maximum pensions paid by the societies is fixed by law at 10 times the annual subscription to the society. The minimum pension payable was originally fixed at \$6, but was, in 1894, lowered to \$5.40. The pension fund might be used for the purchase of pensions either on the "money returnable" or the "money not returnable" system, but in practice the latter method was only adopted in a small minority of cases.

The following table shows the growth of the friendly society movement in France, and of the annuity fund :

YEARS.	Number of Societies furnishing Returns	Participating Members	Value of Funds other than Pension Funds	Number of Societies possessing Pension Funds	VALUE OF PENSION FUND		
					Absorbed by Pensions on the "Money Returnable" System in Course of Payment	In <i>Caisse des Dépôts et Consignations</i>	Totals
1875, .	4,179	533,383	\$5,324,970	2,629	\$1,870,010	\$3,264,010	\$5,134,020
1880, .	4,790	640,613	6,730,730	2,809	3,432,415	4,190,195	7,622,610
1885, .	5,621	776,814	9,012,505	3,247	6,055,610	5,811,160	11,866,770
1890, .	6,433	884,604	11,160,800	3,677	9,381,355	7,793,630	17,174,985
1895, .	7,411	1,014,180	14,698,120	4,071	13,158,230	9,892,460	23,050,690

The total amount of the pension funds of all the Friendly Societies at the end of 1895, which was, as shown in the preceding table, \$23,050,690, was made up as follows :

Total of all deposits paid by societies into the pension fund since its origin, . . . . .	\$11,460,090
Total of State subventions, . . . . .	4,284,355
Total of donations and legacies to the funds, . . . . .	421,085
Interest capitalized, . . . . .	6,900,190
	<b>\$23,065,720</b>

From the foregoing, deductions to the amount of \$15,030 have to be made for various items, leaving balance as above stated.

Besides the advantage that all Approved Societies possess of being able to invest their capital under government guarantee, at a relatively high rate of interest, financial assistance has been accorded from time to time to societies that possess special pension funds. This financial assistance is paid out of a fund

called the Friendly Society Endowment Fund, created by a decree in 1852, originally \$2,000,000, and subsequently enlarged.

The law of 1898 provided, with regard to all Friendly Societies other than Authorized Societies, that the pension fund is to be absorbed in an inalienable fund, the interest on which may in future be employed for other purposes than the granting of old-age pensions, as, for instance, in granting special allowances to particular aged members. This interest may also be made use of for the purchase of pensions on behalf of individual members. Pensions obtained in the manner previously referred to, by transference of a portion of the inalienable fund to the *Caisse Nationale des Retraites pour la Vieillesse*, must in future only be of the "money returnable" variety.

The law now provides that the rules of the society must specify the amount of the pension to which a member is entitled, and the age at which it becomes payable. A member to be entitled to a pension must have paid contributions during at least 15 years instead of 10, as formerly. Every five years, at least, the society must lay before the Minister of the Interior an account of its pension liabilities, and may be called upon to modify its rules.

With regard to the financial assistance accorded by the State, the new law provides that the revenues of the Friendly Society Endowment Fund, as well as the annual sums voted in aid of Friendly Societies, shall be used for the following purposes: (a) to encourage the formation by Friendly Societies of old-age pensions secured upon the inalienable fund; (b) to supplement pensions becoming payable after January 1, 1895, which, including the supplement, amount to less than \$72 per annum; and (c) to grant subventions, varying with the number of their members, to societies not providing old-age pensions. A sum not exceeding five per cent of the total amount available is also to be set aside for the benefit of societies which, owing to epidemics or other causes beyond their control, may be temporarily unable to meet their obligations. Societies are to be excluded both from the State subventions and from the benefit of the special rate of interest on deposits with the *Caisse des Dépôts et Consignations* when they grant to their members, or to certain of their members, daily allowances of one dollar or more, or annual allowances or pensions exceeding \$72.

The new law creates a "Higher Council of Friendly Societies," before which will be laid the annual reports required by these societies by the law. This Council will advise the Government in regard to all measures to be taken with respect to the regulation of Friendly Societies, and especially with regard to the apportionment of the sums above referred to.

The operation of the State fund for insurance against deaths (*Caisse d'Assurance en cas de Décès*) for the year 1899 shows that the number of individual policies taken out for the year

was 105, covering insurance to the amount of 180,940 francs (\$36,188). Deducting payments on account of deaths and policies cancelled, the total value of policies outstanding on December 31, 1899, was 3,227,013 francs (\$645,402.60), showing an increase for the year of 75,838 francs (\$15,167.60). On account of the individual policies, there were invested 1,110 premiums, aggregating 72,504 francs (\$14,500.80). Sums paid in cases of death during the year amounted to 46,623 francs (\$9,324.60) on 32 policies, the amount representing 64 per cent of the premiums invested during the year.

Collective insurance taken in 1899 by approved mutual aid societies comprised 78 policies, representing 15,241 participating members. The premiums on this insurance amounted to 103,297 francs (\$20,659.40). Payments on policies, including the reimbursement of premiums, amounted to 80,648 francs (\$16,129.60). The excess of receipts over expenses for collective insurance was, therefore, 22,649 francs (\$4,529.80), and the payments to persons insured represented 77 per cent of the premiums received during the year. The excess of total receipts over total expenses of the fund amounted to 92,370 francs (\$18,474).

The State life insurance fund has been confined to a limited field. It provides individual insurance for persons from 16 to 60 years of age, and collective insurance by means of which any mutual aid society may insure its members (from three to 94 years of age) collectively. Individual policies are paid for by premiums, varying according to age, the maximum amount of insurance issued to any individual being 3,000 francs (\$600). The collective insurance continues for one year only, requiring renewal at the end of that time.

#### GERMANY.

*Sickness Insurance.* — Insurance against sickness is compulsory for employes (including managing officials) in mines, quarries, factories, and certain specified lines of industrial and commercial employment, receiving not more than 2,000 marks (\$500) annually. Under special provisions, it may be extended through communal action to agricultural employes and to small employers and to mechanics working at home (home industrials, so-called).

The organization of this form of insurance rests upon sick clubs, or associations, whose members belong to the same trade or occupation, and who reside in the same locality. These clubs rest upon the principle of self-administration.\* Although dependency upon an employer lies at the basis of the compulsory provisions, the law permits voluntary participation on the part of workmen and officials to whom the compulsory features do not apply, within the limit of annual earnings above specified. The sick clubs are therefore of two kinds, compulsory and voluntary. In the compulsory clubs, the contributions are paid one-third by employers and two-thirds by the employes, up to three per cent of the daily wages. In the voluntary sick clubs the employes alone contribute. The sick relief includes (1) free medical attendance and medicines, spectacles, trusses, bandages, etc.; and, (2) in case of disablement, sick pay from the third day of sickness up to 50 per cent of the daily wages, or free hospital treatment and half the sick pay for the family, the relief extending during 13 weeks if the illness lasts so long. (3) Similar relief is afforded for at least four weeks but not for more than six weeks for women in confinement provided they have belonged to a legally established sick fund for at least six months of the year preceding confinement. (4) In case of death, funeral expenses are allowed equal to 20 times the average daily wages.

The average number of persons insured against sickness under the workmen's sickness law in 1898, the latest year for which figures are available, was 9,325,722, as compared with 8,865,685 in 1897, these figures including miners who are protected by special funds organized for the mining industry.

The relative importance as to membership of the various funds, except miners, is shown in the following table which covers three years:

CLASSIFICATION OF FUNDS.	Membership 1896	Membership 1897	Membership 1898
Communal, . . . . .	1,337,962	1,370,822	1,409,730
Local, . . . . .	3,660,732	3,850,858	4,078,958
Factory, . . . . .	2,032,475	2,160,074	2,280,651
Building trades, . . . . .	24,609	19,958	18,100
Trade Guilds, . . . . .	132,081	145,819	159,154
Friendly Societies, . . . . .	756,961	789,588	823,464
TOTALS, . . . . .	7,944,820	8,337,119	8,770,057

\* Dr. Zacher of the Imperial Insurance Department says: "The fundamental aim and object of the law is mutual insurance based on self-administration. The insured are classed in corporate associations whose members belong to the same trade or calling, where the risk of sickness is about alike. This organization greatly facilitates self-administration, and while it exercises a healthy and moral influence on the members in their intercourse with one another, it makes simulation (playing sick) more difficult and the indispensable control easier and more effectual."



The various funds include :

(1) *The Communal Funds.* These are managed by the municipal authorities, and are intended for the insurance of all persons, irrespective of their trade, whose obligation to insure is not being effected through one or other of the remaining classes of funds. (2) *Local Funds.* A commune or municipality has power to establish what is called a "Local Fund" for the purpose of insuring, generally, not less than 100 persons of the same district and belonging to the same trade. Such a fund is administered by a board representing the employers and the insured. (3) *Factory Sick Funds.* A person who employs at least 50 insurable workpeople may, if he thinks fit, and in certain cases can be compelled to, establish a special fund for his own works. If the nature of the work which he carries on should present special danger of sickness to those engaged in it, an employer may be compelled to effect their insurance in this way even though he should employ less than 50 workpeople. The fund is administered in a manner generally similar to that which obtains in the case of a Local Sick Fund, and the benefits to be paid are also the same.\* When a Factory Sick Fund is established, those employed in the factory and subject to the Insurance Law at once become members of it, unless they belong to the Sick Fund of a registered or otherwise officially approved Friendly Society (see below). From the preceding table, it will be seen that the majority of the insured (88½ per cent in both years) belong to one or other of the three classes of funds just described. (4) *Building Works Sick Funds* are for the insurance of persons during their employment on such works as the construction of railways, roads, canals, dykes, and fortifications. The fund is terminated on the completion of the works. (5) *Trade Guild Sick Funds* exist independently of the Sickness Insurance Law, but are recognized for its purposes, provided they grant benefits at least equivalent to that laid down for Local Sick Funds.\* When a trade guild establishes a sick fund, all those employed by the masters who belong to the guild and subject to insurance under the law, with the exception of members of registered or approved Friendly Society Funds, at once become members of the Guild Sick Fund. (6) *Friendly Society Sick Funds* also exist independently of the Sickness Insurance Law, and are recognized for its purposes provided their benefits do not fall short of those prescribed by the law for Communal Sick Funds.†

Employers are not bound to contribute any portion of the insurance premium of such of their workpeople as elect to insure in a Friendly Society Sick Fund. With regard to all other classes of sick funds, the contributions, not including entrance fees, are paid one-third by the employer and two-thirds by the insured workman, who also pays all entrance fees.

Of the 8,337,119 persons insured against sickness in 1897, 1,886,995 (22.6 per cent) were women. The corresponding percentage was 29.1 for the previous year, up to which it had risen steadily each year from 24.2 in 1889.

The number of cases and days of sickness paid for under the law in 1896, 1897, and 1898 were as follows :

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\* See statement as to sick relief benefits, page 96.

† The *Communal Sick Funds* do not pay the benefits under (3) and (4) in the statement, page 153, and the method for computing the daily sick money is somewhat different.



CLASSIFICATION.	1896	1897	1898
BOTH SEXES.			
Number of cases of sickness paid for, .	2,763,757	2,964,937	3,002,593
Number of cases per 100 members, .	34.8	35.6	34.2
Number of days of sickness paid for, .	47,608,226	51,513,783	53,201,573
Number of days per member, . . .	6.0	6.1	6.0

*Accident Insurance.* — Insurance against accidents is compulsory for employes and officials engaged in mechanical and factory industries, including some branches of the building trades, and in agriculture, having yearly earnings up to \$750 and by special provisions for employes earning more than that amount, and for certain small employers. Persons not under compulsion may voluntarily insure.

The contributions are annually levied on employers proportional to the extent of their business, *i.e.*, the wages paid, and the number of hands employed, and to the risk of accident in the various occupations. Compensation includes, in case of bodily injuries, from the beginning of the fourteenth week after the accident, *i.e.*, in continuation of the sick relief insurance: (1) the expenses of the cure; (2) an allowance during disablement up to two-thirds\* of the yearly earnings, or in lieu of the foregoing, free hospital treatment during the whole cure, and an allowance for the family as in case of death. In case of fatal injuries, the allowance covers: (1) the funeral expenses up to 20 times the daily wages, not less, however, than \$7.50; and, (2) an allowance to the survivors from the day of death, in case of widows and children, up to 60 per cent of the daily earnings, and, in case of parents when needy, equivalent to 20 per cent of the yearly earnings.

The average number of persons insured under the Accident Insurance Laws in 1899, exclusive of certain classes employed in the building trades, whose number is not known, and for whom special insurance offices are provided, was 18,604,124, as compared with 18,246,013 in 1898. As in previous years, allowance must be made for the fact that some million and a half persons employed both in industry and agriculture are counted twice over. The figures include from four to five millions of persons engaged in agriculture on their own account as farmers, proprietors, etc.

The number of new accidents compensated in each year from 1886 to 1899, excluding accidents sustained by those insured in the special institutions for the building trades, and the nature of their results are shown in the following table:

\* In certain cases, *i.e.*, where the person injured is dependent on strangers as well as totally disabled, the allowance is equal to full amount of earnings. See page 157.

## NUMBER.

YEARS.	PERSONS WHO MET WITH ACCIDENTS RESULTING IN—				Total New Acci- dents Com- pensated
	Death	Permanent Disablement		Temporary Dis- ablement	
		Total	Partial		
1886, . . . . .	2,716	1,778	3,961	2,085	10,540
1887, . . . . .	3,270	3,166	8,462	2,204	17,102
1888, . . . . .	3,645	2,203	11,023	4,186	21,057
1889, . . . . .	5,185	2,882	16,337	6,615	31,019
1890, . . . . .	5,958	2,681	22,615	10,166	41,420
1891, . . . . .	6,346	2,561	27,788	13,812	50,507
1892, . . . . .	5,811	2,640	30,569	15,807	54,827
1893, . . . . .	6,245	2,487	36,236	16,906	61,874
1894, . . . . .	6,250	1,752	38,952	21,723	68,677
1895, . . . . .	6,335	1,668	40,527	25,937	74,467
1896, . . . . .	6,989	1,524	44,373	32,386	85,272
1897, . . . . .	7,287	1,452	46,489	35,943	91,171
1898, . . . . .	7,848	1,109	47,764	40,053	96,774
1899, . . . . .	7,999	1,297	51,240	44,275	104,811

## PER 1,000 INSURED.

1886, . . . . .	0.73	0.48	1.06	0.56	2.83
1887, . . . . .	0.79	0.77	2.05	0.54	4.15
1888, . . . . .	0.35	0.21	1.07	0.41	2.04
1889, . . . . .	0.39	0.22	1.22	0.49	2.32
1890, . . . . .	0.44	0.20	1.66	0.74	3.04
1891, . . . . .	0.35	0.14	1.54	0.77	2.80
1892, . . . . .	0.32	0.15	1.69	0.88	3.04
1893, . . . . .	0.34	0.14	2.00	0.93	3.41
1894, . . . . .	0.34	0.10	2.14	1.20	3.78
1895, . . . . .	0.35	0.09	2.20	1.41	4.05
1896, . . . . .	0.39	0.09	2.52	1.84	4.84
1897, . . . . .	0.41	0.08	2.59	2.00	5.08
1898, . . . . .	0.43	0.06	2.62	2.19	5.30
1899, . . . . .	0.43	0.07	2.75	2.38	5.63

So far as concerns the special insurance institutions connected with certain branches of the building trades, not included in the above table, the total new accidents compensated in 1899 were 1,225 in number, resulting in the death of 125 persons, the total permanent disablement of 29, the partial permanent disablement of 598, and the temporary disablement of 473.

The number of persons, for whom compensation with respect to fatal accidents was fixed in 1899, was 16,076 (16,004 in 1898), of whom 5,165 were widows, 10,622 were children, and 289 were parents of the deceased.

The total expense incurred in 1899 in compensating new and old accidents was \$19,670,160, as compared with \$17,777,180 in 1898. (The expenses of the first 13 weeks after the accident have to be borne by the sickness insurance institutions, and are not included in these figures). The greater part of this amount, viz., \$14,298,435, consisted of pensions to persons injured by accidents. The number of persons drawing such pensions in 1899 was 479,593, as compared with 428,171 in 1898. Each of these persons accordingly received on an average \$29.81 (\$30.02 in 1898). The sum of \$3,601,220 was spent in paying pensions to the families of deceased workpeople. There were 44,923 widows drawing on an average \$34.35 per annum each, 77,316 children drawing \$25.41 per annum, and 2,671 parents, etc., drawing \$35.10 each. Capital sums amounting to \$140,425 were paid to 1,173 widows who remarried, an average of \$119.71 each.

Important changes have been made in the workmen's accident insurance legislation of the German Empire by a law, dated June 30, 1900, which, so far as concerns its main provisions, came into operation on October 1 of that year. A description of the changes made will not only explain some provisions of the statute more fully than we have already done, but will also give some of the details of the law as it previously existed.

Previously, insurance has not been compulsory for salaried employés receiving over \$500 per annum, but under the new law \* the obligation to insure is extended to all persons employed in trades coming within the scope of the law and receiving less than \$750 per annum. A number of new trades have been brought within the scope of the law, including the brewing industry, certain transport (passenger and goods) trades, and blacksmiths' and locksmiths' establishments, warehousing, timber felling, window cleaning, and butchering. Persons employed on sailing vessels of a tonnage capacity of 50 cubic metres (about 18 tons), and on fishing vessels are now brought within the insurance law. A further extension in the scope of the law is contained in a provision under which, in future, a workman belonging to a trade within the scope of the law will be insured not only against accidents sustained while working for his employer at that trade, but also against any accident which he may sustain while performing domestic or other service for that employer.

The maximum allowance payable to a workman during total disablement has, under the old law, been two-thirds of his earnings. Under the amended statute, in cases in which, besides being totally disabled, the workman has become absolutely dependent on strangers for attendance and nursing, the allowance will be equal to the full amount of his earnings.

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\* Summary by the English Dept. of Labor, based on a comparison between the text of the new law as printed in the *Reichs Gesetzblatt* (No. 26) and the old law as printed in the *Taschenkalender zum Gebrauche bei Handhabung der Arbeiterversicherungsgesetze, 1898*. Part I.

In cases of partial disablement, if the workman is, owing to the accident and without any fault on his part, unable to obtain employment, a discretionary power is now given to increase his allowance to two-thirds of his previous earnings.

The following (among other) alterations are made in the scale of compensation allowed to survivors of workpeople killed by accidents. The minimum funeral allowance is increased from \$7.50 to \$12.50. The annuity payable to each surviving child up to the age of 15 is raised from 15 to 20 per cent of the annual earnings of the deceased. The provisions under which these annuities are paid, previously confined to the case of the death through accident of a father, are now extended to accidents resulting in the death of a female breadwinner. The orphaned grandchildren of a deceased workman, wholly or mainly dependent upon their grandfather, will now receive an allowance, equivalent in the aggregate to 20 per cent of his earnings, until they attain the age of 15. In the future, as in the past, the aggregate of the annuities paid to survivors of deceased workpeople is limited to 60 per cent of the annual earnings of the deceased. In regard to cases of partial disablement, the new law gives a discretionary power (to be exercised on the request of the injured workman) to commute an allowance for a lump sum; but this power is not to be exercised if the allowance exceeds 10 per cent of the man's annual earnings.

With respect to the method to be adopted in reckoning, for the purpose of fixing the compensation due under the law, the annual earnings of a workman, the new Act makes important changes. Thus, while, in relation to industrial employments, the previous law directed that a workman, whose annual earnings exceeded \$300, should have the excess over \$300 taken into account only to the extent of one-third of its actual amount, this limit of \$300 is now replaced by \$375. So, again, under the new law the annual earnings of a seaman will be taken to be 11 (instead of nine) times the monthly rate (as fixed by official ascertainment) for men of his grade.

The boards of arbitration for dealing with disputes arising out of claims for compensation under the Accident Insurance Law are abolished, and such disputes will in future be settled by the arbitration boards formed under the Invalidity Insurance Law. The number of members of each of these boards must be at least 40 (20 employers and 20 insured workpeople).

*Old-Age Insurance.*—Invalidity and old-age insurance is compulsory, and is administered through territorial (district) organizations based on mutuality and self-administration (differing from accident and sickness insurance which are restricted to branches of trade), and also through special organizations, covering employes on railways and in mines.

The weekly contributions are paid half by the employer and half by the employe, and the fund is increased by a State subsidy fixed at \$12.50 per annum to each annuity and the contributions of workmen while serving in the army or navy. The Government also meets certain expenses of ad-



ministration. The benefits secured are: (1) invalid pension for invalids after 200 contributory weeks; (2) old-age pensions for septuagenaries after 1,200 contributory weeks; (3) free cure with relief to family in order to prevent invalidity; (4) reimbursement of contributions in case of death or marriage before pension accrues. The insurance covers from the completed sixteenth year of age: (1) all persons working for wages in every branch of trade, apprentices and servants included; (2) managing officials (foremen, engineers), commercial assistants (clerks and apprentices), and other employés (such as ships' captains) as well as teachers and tutors, all these, provided that their regular year's earnings do not exceed \$500. The obligation to insure may also be extended, by order of the Bundesrath: (3) to small masters with only one assistant workman, and to so-called home industrials, irrespective of the number of hands employed. Hitherto the obligation to insure has been extended, by order of the Bundesrath, to the home-industrials in the manufacture of tobacco and in some branches of the textile industry (weaving, knitting).

The following are allowed, up to their fortieth year, to join voluntarily the insurance: (1) all employés with yearly earnings of \$500-~~\$~~750; (2) small masters with only two regular workmen, and home industrials (persons working in their own homes), so far as they are not liable to compulsory insurance; (3) persons who are exempt from compulsory insurance because they work only occasionally or for maintenance (board and clothing).

The right to continue or renew the insurance voluntarily is given, when the grounds for the former insurance no longer exist or the insurance itself lapses; the latter case happens, when during two years (from the despatch of the receipt card) for persons obliged to insure, contributions for less than 20 weeks,\* and for persons allowed to insure, contributions for less than 40 weeks have been paid.

Exempted from compulsory insurance are: (1) the officials of the Empire, the federal States, and the provincial administrations, as well as teachers and tutors in public schools or institutions (while training for their future calling or if expecting a pension equal to the lowest invalid pension); (2) soldiers who in service are employed as workmen; (3) officials of the insurance institutions and the special insurance organs when entitled to a pension; (4) persons giving instruction for remuneration during their term of study; (5) infirm persons who are already entitled to an invalid pension, or whose capacity for work is permanently reduced to less than one-third by old age, sickness, or other infirmities; and (6) persons who receive only free maintenance (board and clothing) in lieu of wages, or are exempt, by order of the Bundesrath, from compulsory insurance, as only occasional workers.

The payment of the contributions, as a rule, is to be made by the employer, who, after purchasing stamps (resembling postage stamps) of the respective local insurance office, affixes them (to the amount of the contribution due) to the receipt card of the insured. These stamps may be had at all the post offices, and at numerous private shops. The contributions

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\* Formerly during four years, 47 weeks.



are to be paid regularly for each week in which the insured finds himself in an employment or service subject to the insurance.

In paying the wages to the employed, the employers are entitled to deduct one-half the contributions, for the last two periods of wage payment. On the other hand, persons who voluntarily enter into, continue, or renew the insurance, will have to pay, regularly out of their own means, the full contribution.

The collection of the contributions may be committed to the sick relief clubs, the local authorities, or to special receiving offices; the latter may be also authorized to collect the contributions of the sick insurance.

The present law relating to old-age and invalidity insurance in Germany received the assent of the Emperor, July 13, 1899, repealing the previous law of 1889. A comparison of the principal changes made throws some light on the working of the previous statute, as the changes were based upon the experience gained under the original enactment.\*

One of the principal objects of the new law was to effect a more even distribution over the various parts of the Empire of the burdens entailed by the pensions prescribed by the statute. It had been found that, owing primarily to the fact that persons of advanced age form a larger proportion of the insurable population in agricultural than in industrial or commercial districts, the financial position of the insurance institutions was much less satisfactory in rural districts than in the industrial and commercial centres. To meet this situation, the new law provides that as from January 1, 1900, two-fifths of the revenue accruing to each insurance institution from the contributions of employers and employed shall be credited in the books of the institution to the account of a general fund common to the whole Empire. Out of this general fund will be defrayed three-fourths of the cost of old-age pensions and the fixed portion of all invalidity pensions.

Under the previous law, the fixed portion of every invalidity pension, exclusive of the Imperial subsidy of \$12.50, was \$15, irrespective of the wage class to which the pensioner belonged, increased for each week of contribution by sums of two, six, nine, or 13 pfennigs (four pfennigs being practically equivalent to one cent), for the four wage classes which then existed. In future, the fixed portion of the invalidity pension will be a different amount for each wage class. It will be \$15 for the first, \$17.50 for the second, \$20 for the third, \$22.50 for the fourth, and \$25 for the fifth, a new wage class consisting of those whose earnings exceed \$287.50 a year. These several fixed amounts are to be increased for each weekly contribution by three, six, eight, 10 or 12 pfennigs, according to the wage class of the insured. The State contribution to each pension will remain as before (\$12.50).

Up to now the old-age pension has consisted of an amount equivalent to four, six, eight or 10 pfennigs, according to the wage class, multiplied by

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\* Summary of the law is by the English Dept. of Labor.

1,410, that being, as explained below, the minimum number of weeks of contribution, exclusive of the addition from the State of \$12.50 to each pension. In future, the old-age pension is to amount to \$15 for the first, \$22.50 for the second, \$30 for the third, \$37.50 for the fourth, and \$45 for the fifth class, supplemented in each case by the State contribution of \$12.50, the amount of which remains unchanged.

The amount of the weekly contribution is, for the first four classes, the same under the new as under the old law, 14, 20, 24, and 30 pfennigs, and will be 36 pfennigs for the new fifth class.

Pensions under the law can be claimed only after the expiration of a certain period of contribution. Under the old law this period was for invalidity pensions, five years; for old-age pensions, 30 years; the year being reckoned for this purpose at 47 weeks, leaving a margin of five weeks as a sufficient average of time lost through want of work, or from other causes, without the means of paying the contributions. Under certain circumstances, *e.g.*, a period of illness not brought upon the workman by his wilful act, or of service under arms, a person prevented from keeping up his insurance was, nevertheless, allowed to reckon such period as a period of contribution. By the law just passed invalidity pensions may be claimed after the expiration of 200, instead of 235, "contributory weeks", unless fewer than 100 actual weekly payments have been made, in which case 500 such weeks must have expired; and old-age pensions will be paid after a minimum period of 1,200 "contributory weeks," instead of 1,410.

While under the former law persons, who, though not incapacitated for life, were so situated for an entire year, were accorded invalid benefit during the remaining duration of their incapacity, the new law gives this privilege to a man who has been in this position for 26 weeks.

The Law went into operation on January 1, 1900, and in connection with it two official proclamations have been issued, embodying regulations drawn up by the Federal Council with respect to its administration. The first of these proclamations is dated December 24, 1899, and fixes the procedure to be followed and the conditions to be observed in granting applications, for exemption from the obligation to insure, to persons working on their own account for the greater part of the year. The second proclamation is dated December 27, and defines the circumstances, in which temporary services are not to be considered, as employment entailing obligatory insurance within the meaning of the law.

The number of new pensions granted in 1899 under the Old-Age and Invalidity Laws by the 31 district insurance institutions and the nine special institutions, in which persons employed on railways and in the mining and cognate industries are insured, was 113,981, including 17,326 for old age and 96,655 for invalidity.

The number of persons drawing old-age pensions during 1899 is stated to have been approximately 213,800, and the number drawing invalidity pensions about 345,200. Out of this total of 559,000 persons, however, about 1,200 are counted twice over, these pensioners having, in the course of the year, had their old-age pensions exchanged for invalidity pensions.

The following statement shows the total amount expended upon pensions in each year since the law came into effect, by the whole of the insurance institutions established under its provisions :

YEARS.	EXPENDITURE ON PENSIONS		
	From Money contributed by Employers and Workpeople	State Subvention (\$12.50 per Annum per Pension)	Totals
Old age,			
1891, . . . . .	\$2,314,215	\$1,512,460	\$3,826,675
1892, . . . . .	3,165,385	2,102,515	5,267,900
1893, . . . . .	3,427,675	2,263,160	5,690,835
1894, . . . . .	3,698,065	2,420,545	6,118,610
1895, . . . . .	4,023,195	2,620,895	6,644,090
1896, . . . . .	4,174,655	2,678,580	6,853,235
1897, . . . . .	4,220,365	2,685,710	6,906,075
1898, . . . . .	4,230,820	2,648,900	6,879,720
1899, . . . . .	4,148,190	2,573,180	6,721,370
Invalidity,			
1891, . . . . .	\$15	—	\$15
1892, . . . . .	198,105	\$140,255	338,360
1893, . . . . .	768,460	552,255	1,320,715
1894, . . . . .	1,500,115	1,043,180	2,543,295
1895, . . . . .	2,298,990	1,582,420	3,881,410
1896, . . . . .	3,174,040	2,101,255	5,275,295
1897, . . . . .	4,133,175	2,713,405	6,846,580
1898, . . . . .	5,282,590	3,409,880	8,692,470
1899, . . . . .	6,547,935	4,160,035	10,707,970
Totals,			
1891, . . . . .	\$2,314,230	\$1,512,460	\$3,826,690
1892, . . . . .	3,363,490	2,242,770	5,606,260
1893, . . . . .	4,196,135	2,815,415	7,011,550
1894, . . . . .	5,198,180	3,463,725	8,661,905
1895, . . . . .	6,322,185	4,203,315	10,525,500
1896, . . . . .	7,348,695	4,779,835	12,128,530
1897, . . . . .	8,353,540	5,399,115	13,752,655
1898, . . . . .	9,513,410	6,058,780	15,572,190
1899, . . . . .	10,696,125	6,733,215	17,429,340

The law provides for the repayment in certain cases of contributions that have been paid for at least five years by persons who do not ultimately become entitled to benefits. Sums repaid in this way are not included in the above table. Their total amount in 1899 was \$1,361,670, including \$1,025,780 to women on their marriage and \$335,890 to the families of persons who died before receiving a pension. The average value of the old-age pensions granted in 1899 by the 31 district insurance offices was \$35.39, compared with \$34.50, the average value of similar pensions dating from 1898. The average value of the invalidity pensions dating from 1899 was \$32.89, compared with \$32.70 in the case of similar pensions dating from 1898. These figures may be regarded as representing the average value of pensions granted under the law, since the majority of the insured belong to the district institutions (11,075,000 out of a total of 11,585,000 who were insured under the law in 1895).

Under the present law, the obligation to insure is extended to foremen or others who usually work for an employer but sometimes on their own account, also to teachers, provided, in each case, that the annual income does not exceed \$500. On the other hand, persons working for hire less than 12 weeks in the year, but otherwise employed on their own account, are exempted.

#### HOLLAND.

Prior to the enactment of a recent statute, hereinafter noticed, insurance for workingmen in Holland was entirely voluntary. According to the report on Factory Inspection in Holland for the years 1897 and 1898,\* the total number of accidents reported under the Factories and Workshops Acts as having occurred in those years was 8,385, of which 215 were fatal. Of these 8,385 accidents, 1,852, including 30 fatal cases, occurred in the fifth and sixth inspection districts, comprising the provinces of Gelderland, Overijssel, Drenthe, Friesland, and Groningen, in both of which information has been collected on a practically uniform basis as to the nature of the provision made in each case in which a person sustained an accident during work. The following table summarizes the information collected under this head :

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\* Translation and summary by the English Dept. of Labor.



PROVISION MADE FOR PERSONS WHO SUSTAINED ACCIDENTS DURING WORK  
IN THE YEARS 1897 AND 1898 IN CERTAIN PROVINCES IN HOLLAND.

NATURE OF PROVISION MADE FOR PERSONS WHO SUSTAINED ACCIDENTS.		PERSONS WHO SUSTAINED ACCIDENTS IN 1897 OR 1898	
		Number	Per cent
1. By the employer,	Full wages and cost of attendance, . . . . .	35	1.89
	Full wages only, . . . . .	243	13.12
	Part of wages and cost of attendance, . . . . .	10	0.54
	Part of wages only, . . . . .	103	5.56
	Some small assistance, . . . . .	33	1.78
2. By the Factory Sick Fund,	Full wages and cost of attendance, . . . . .	203	10.96
	Full wages only, . . . . .	21	1.13
	Part of wages and cost of attendance, . . . . .	37	1.98
	Part of wages supplemented by the employer, . . . . .	3	0.16
	Part of wages only, . . . . .	157	8.48
3. By a Local Sick Fund administered and supported by employers,	Weekly sick benefit increased to full wages by employer, . . . . .	11	0.59
	Weekly sick benefit only, . . . . .	54	2.92
4. By a Local Sick Fund administered by workpeople,	Weekly sick benefit supplemented by the employer, . . . . .	4	0.22
	Weekly sick benefit only, . . . . .	30	1.62
5. By an insurance company,	The fixed sick allowance supplemented by a contribution from the employer or from a sick fund, . . . . .	94	5.08
	The fixed sickness allowance only, . . . . .	508	27.44
6. Some other kind of provision, no provision, or nature of provision unknown, . . . . .		306	16.53
TOTALS, . . . . .		1,852	100.00

Under a law dated January 2, 1901, and coming into operation at a date to be determined hereafter by the Government, provision is now made for the compulsory insurance of workpeople in Holland against accidents in connection with their work. The following summary of the main provisions of the new enactment is based on the text of the law as published in the official *Nederlandsche Staats-Courant* of January 25, 1901 : \*

The range of occupations coming within the scope of the law is very wide, but the following are excluded : Farming, gardening and forestry,

\* Translation and summary by the English Dept. of Labor.



transport of passengers or goods on sea-going (other than coasting) vessels, and on any vessels of less tonnage than 21 registered tons not propelled by power-driven machinery; also the sea-fishing industry.

A State Insurance Office is to be established in Amsterdam for the purpose of carrying out the insurance prescribed by the law. The Board of Directors, Technical Adviser, Supervisory Board, and staff of this institution will be appointed by the Crown, and in the case of the Supervisory Board one-third of the members are to be employers and one-third workpeople.

All claims for compensation under the law will be decided by the Board of Directors of the State Insurance Office, and all sums awarded will be paid through the post offices.

Appeals against decisions of the State Insurance Office will be dealt with by Councils of Appeal, and, in the last resort, by a National Board of Appeal. It is provided that employers and employed shall be represented on these tribunals, but, in other respects, the constitution and procedure of these Councils and of the National Board are left to be determined by a special law, which is to be enacted in relation to these institutions.

Provision is made for the appointment of investigators, who will make inquiries requisite for ensuring the observance of the law, and for the establishment of Local Commissions, composed of equal numbers of employers and workpeople, together with a chairman who shall be neither an employer nor a workman. These commissions are empowered to appeal, within a month, against the decisions of the insurance office regarding compensation claims, and are required to investigate cases in respect to which there may be grounds for reviewing any such decision and revising the amount of compensation granted.

The compensation provided by the Act is, in addition to medical attendance, medicine, etc., as follows: If unable to resume work on the third day after the accident, the injured person receives a payment equivalent to 70 per cent of his daily earnings, such payment commencing from the day after the accident, and continuing during his incapacity, but not for more than six weeks. If still unfit for work at the end of that time, he receives, so long as this incapacity continues, an allowance equivalent, in the event of total incapacity, to 70 per cent of his daily earnings, and less in proportion if the incapacity be only partial. Earnings in excess of \$1.66 per day are left out of account in calculating these and all other allowances under the Act. In the event of death from the accident, the relatives of the deceased receive a burial allowance equal to 30 times his daily earnings. In addition, the dependent relatives receive pensions, varying from 15 to 30 per cent (but not exceeding in the aggregate 60 per cent) of the earnings of the deceased. Widows, if they remarry, and children, when they reach the age of 16, cease to draw pensions, but the former receive a sum of money in commutation. Pensions granted under the law are, save as to any amount exceeding \$108.33 per annum, inalienable and protected from attachment.

The whole cost of the insurance is borne by the employer, who is forbidden to make any deduction from his employes' wages in respect thereto. He may fulfil this obligation in one of three ways: (1) as a general rule, his payment will take the form of a premium payable, through the local

post office, to the State Insurance Office at regular periods, and based upon the amount of his wages bill considered in relation to the degree of accident-risk assigned to his trade in the scale of risks to be prepared by that office. In reckoning an employer's wages bill, average earnings in excess of \$1.60 per day are omitted from calculation. (2) The employer may, on depositing adequate security with the State Insurance Office, obtain permission to undertake the payment of the prescribed compensation himself; or (3) he may be permitted to transfer his liability under the law to an insurance company, provided that this company deposit adequate security with the office.

#### HUNGARY.

*Sickness Insurance.* — The law \* making insurance against sickness compulsory in Hungary is dated April 14, 1891, more than three years later than the corresponding Austrian law, which is dated March 30, 1888.

Membership of a sick fund is obligatory in Hungary for every person employed at a daily wage not exceeding four florins (\$1.60) in any of the trades coming under the Industrial Law of 1884, or in any of the following trades or services: Mining, quarrying, metal (smelting and manufacture), and cognate trades; in the railway, postal, telegraph, and telephonic services; in engineering and shipbuilding works; on large construction works (*e.g.*, road and railway construction); in internal navigation; and in the transport and storage of goods. Persons employed on temporary jobs lasting less than eight days are excepted, as also miners belonging to one of the special mining benefit funds (*Bruderladen*). Membership of a sick fund established in virtue of this law is not obligatory for persons in the regular employment of a public authority (State, Municipality, Commune or public institution) if the conditions of their employment give them the right to draw their salaries for at least 20 weeks from the date of falling ill. A similar exemption may be granted by the competent authorities to persons belonging to any of the trades or services enumerated above, if the terms of their employment give them the right to claim, during sickness, from their employers, either full maintenance or wages for at least 20 weeks.

The minimum benefits during sickness are, approximately, as follows: (1) free medical attendance, medicine, and any necessary surgical appliances, for 20 weeks, but not more; (2) in case of sickness causing incapacity for work and lasting three days or more, a money allowance equal to half the sick person's wages, payable, if the incapacity lasts so long, for 20 weeks; (3) women in confinement receive an allowance on the same scale for at least four weeks from the date of confinement, besides free medical attendance, etc., as under (1); (4) in case of death, a funeral

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\* Translation and summary by English Dept. of Labor, based on: (1) *La Législation Sociale en Hongrie*, by Joseph Sztérényi; Buda-Pesth, Société Anonyme d'Imprimerie de Pest, 1897; (2) *Ungarisches Statistisches Jahrbuch*, new series, III (1895) and IV (1896), published by the Hungarian Central Statistical Office; (3) *Les Lois d'Assurance Ouvrière à l'Etranger*, I, by Maurice Bellom, published by Arthur Rousseau, 14, rue Soufflot and 13, rue Toullier, Paris, 1892.

allowance equivalent to not less than 20 times the daily wage. Any sick fund may, if its resources permit it, and within limits fixed by the law, pay benefits greater than the above minima.

So long as no special law exists for regulating the insurance of workpeople against accidents, the above minimum benefits are payable not only in ordinary sickness, but also in case of illness or death caused by accidents.

For purposes of insurance under the law, the sick funds are supported by contributions, proportionate to the wages of the workpeople insured, for the regular payment of which the employers are responsible, but of which they may deduct two-thirds from wages. Agreements intended to entail upon the workpeople the payment of more than two-thirds of the legal contribution are void.

So far as concerns funds which accord only minimum benefits, the contribution of employer and workmen together must not exceed three per cent of wages, unless it should be found that that rate is insufficient to provide the minimum benefits, in which case the rate may be increased, by permission of the competent authorities, but not beyond five per cent of wages. But at the commencement of its operations, the fund must not exact contributions exceeding two per cent of wages.

The six classes of funds recognized for purposes of sickness insurance under the Hungarian law are district funds, guild funds, factory, etc., funds, friendly society funds, construction works funds, and mining funds.

The membership of four of the above classes of sick funds was, at the end of each of the years 1895 and 1896, as follows :

CLASS OF FUNDS.	1895		1896	
	Number of Funds	Membership	Number of Funds	Membership
District funds, . . . . .	97	262,848	111	274,247
Trade Guild funds, . . . . .	80	73,749	90	69,598
Factory, etc., funds, . . . . .	139	129,968	155	145,867
Friendly Society funds, . . . . .	60	86,162	62	83,371
TOTALS, . . . . .	376	552,727	418	573,083

The total receipts of the above classes of sick funds in 1896 amounted to \$1,980,675, and the expenditure to \$1,850,880. Of the latter sum, \$1,306,910 was expended in sick and funeral benefits, \$232,280 in administration, and \$311,690 in other ways not specified.

Information as to the construction works funds is not available. The total amount expended in sick pay, exclusive of medical attendance and funeral allowances, by the special mining benefit societies in 1896, was \$268,130. The total number of workpeople employed in the mining and cognate industries in Hungary in 1896 was \$70,328.

*Accident and Invalidity Insurance for Agricultural Laborers.*  
As to accident and invalidity insurance, the provisions of law

in Hungary relate only to agricultural laborers, who are given insurance against accidents, invalidity, and death under a statute passed by the Hungarian legislature in June, 1899, and taking effect January 1, 1901. The benefits which the Provident Relief Fund, to be established under this law, will provide are as follows : \*

*Accidents.* — Every laborer insured with the Fund, who may receive injury by accident in the course of his employment, will have a right to free medical attendance and medicine and to compensation at the rate of 20 cents a day, such payment beginning one week after the accident, and continuing during not more than 60 days, after which the laborer is considered as invalided. If the accident proves fatal, a sum of \$83.33 will be paid to his family; if he leaves no family, his funeral expenses (\$20.83) will be paid.

*Invalidity.* — In case of invalidity (incapacity disabling a laborer from earning at least one-half the current wages of the district for a farm-house servant, *i.e.*, a servant living on the farm), the insured will receive a monthly allowance of \$2.08.

A laborer insured with the Fund, who has reached the age of 65 without having claimed either accident or invalidity allowance, will be paid a sum of \$20.83, without prejudice to his claims in regard to the ordinary benefits provided by the Fund, to all of which he will still remain entitled.

*Death.* — In case of death not resulting from accident, the widow and children of the insured will receive an amount varying from \$41.66 to \$56.25, according to the length of time during which the laborer has been insured.

In order to effect and maintain an insurance with the Fund, a laborer must pay an entrance fee of 41 cents and a weekly contribution of four cents. If unable to pay so much, a laborer may pay instead a weekly contribution of two cents, in which case he will, except in case of accident, be entitled to half benefits only. Except during the first five years after the passing of the law, as to which special provisions are made, the right to insure themselves is accorded only to laborers between the ages of 14 and 35.

With respect to farm-house servants, every employer will be required to pay for the insurance against accident incurred in the course of his employment of each such servant a sum of 25 cents per annum. In regard to the benefits provided by the Fund other than those provided in case of accident, a farm-house servant will have the right to insure himself with the Fund, paying in respect of such insurance the ordinary premiums, less the amount of the premium in respect of accident insurance.

Any sum, which may be required to be added to the amounts paid by the persons insured with the Fund and their employers, respectively, in order to enable the Fund to meet its liabilities, will be provided by the State. For this purpose it is estimated that, so long as the number insured with the Fund does not exceed 1,000,000, an annual vote of about \$20,835 will suffice.

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\* Summary by English Dept. of Labor.



The administration of the Fund will be in the hands of local (county) boards, composed of representatives of the employers and workpeople and of delegates appointed by the County Council, under the supreme control of a Central Commission appointed by the Hungarian Government.

### ITALY.

*Sickness Insurance.*—Voluntary insurance against sickness is provided for employes in any occupation through mutual aid societies, which may be either registered with contributions from a State fund, or free without such contributions. The benefits vary according to the rules of the societies, covering, in the majority of cases, sick pay and funeral expenses, but not medical attendance or hospital expenses.

*Accident Insurance.*—Accident insurance is compulsory for employes in certain specified occupations receiving up to \$425 yearly. Employers only contribute, and the insurance may be provided through private institutions or a State institution \* at the employers' option.

The present law † relating to accident insurance, which was passed on March 17, 1898, went into operation six months after its publication in the official Gazette.

It requires all employers to give notice to the police of every accident occurring to any of their workmen within two days of its occurrence. It also contains provisions with respect to the prevention of, and compensation for, accidents. These provisions apply to mines and quarries, to building operations, gasworks and electricity generation stations, telephone installations, industries in which explosives are handled or used, and ship-building yards, irrespective of the numbers employed. The provisions also apply, in cases in which more than five workmen are employed, to the construction and working of railways, to inland waterways, and to tramways on which mechanical traction is employed, to land-draining and similar works, to the construction and repair of dock and river, etc. embankments, to bridge and road making, and to all factories in which motor power, including that of animals, is used, if over five persons are employed.

With respect to the prevention of accidents, regulations prescribing the measures to be taken by employers coming under the Act are to be issued, after inquiry, by the Ministry of Agriculture, Industry, and Commerce. This Ministry is to organize the necessary inspection, and to see that the requirements of the law are fulfilled.

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\* *Cassa Nazionale di Assicurazione per gli infortuni degli operai sull'aroso.* This institution is a federation of savings banks created in 1883 and supporting a national insurance fund under provisions of law and by arrangement with the Government, which grants certain concessions.

† Summary by the English Dept. of Labor.



So far as concerns compensation for accidents, the Act requires that every employer to whom the law applies shall, at his own cost, provide for his workmen compensation for all accidents the consequences of which last more than five days. The compensation under the law is as follows: If there shall result from the accident disablement of a complete and permanent nature, the compensation will be an amount equivalent to five times the man's yearly wages, but in any case not less than \$600; this amount is, as a rule, to be invested in a life annuity for the benefit of the injured workman. For permanent partial disablement, the compensation is to be an amount equivalent to five times the difference between the man's previous annual wages and those lower wages which he may earn after the accident: for temporary complete disablement a daily sum, equal to one-half of the man's previous average daily earnings, payable from the expiration of five days from the date of accident until the entire disappearance of the consequent disablement: for temporary partial disablement, one-half of the difference between the man's previous earnings and his earnings after the accident, so far as such diminution in earnings may be caused by such disablement, this sum being payable from the expiration of five days from the accident until the entire disappearance of the disablement. In the case of a fatal accident, the compensation will be five times the annual wages of the deceased, and will be paid to his legatees or other representatives. The employer has in all cases of accident to defray the cost of first aid, including doctor's fees and medicines.

Any agreement, by which it is attempted to evade, wholly or in part, the liability of an employer for compensation under this law, is declared of no effect.

Legal proceedings for the recovery of compensation must be taken within one year after the accident.

The manner in which employers are to provide the compensation payable under the law is as follows: As a rule, the compensation must be provided by effecting an insurance either with the National Workmen's Accident Insurance Fund (created by the law of 1883), or with an insurance company authorized to carry on business in Italy, subject to special regulations to be issued in relation to such insurance. But workmen employed on Government or other public works,\* whether carried out directly, or by contractors, must be insured with the National Workmen's Accident Insurance Fund. Railway companies, however, are to be exempt from the obligation to insure their workmen, if they modify the provisions already obtaining in regard to their pension and accident funds so as to bring these provisions into conformity with the new law. Other employers are to be exempt from this obligation if they establish at their own cost private accident funds, on condition that every such fund shall provide for the insurance of more than 500 workmen, that it receive official recognition, that the benefits provided by it be at least as great as those provided under the new law, and that there shall have been deposited on behalf of the fund with the Treasury securities issued, or guaranteed by the State, to the value of not

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\* The workmen employed in government establishments will not be insured under the new law, provision being made with regard to them in prior enactments.

less than five times the annual premium which would have been payable to the National Accident Insurance Fund in respect of the insurance of the workmen concerned, had they been insured in that fund. Should any private fund fail to meet its obligations, the employer remains responsible.

The Act also exempts from the ordinary obligations of insurance those employers who may form a mutual insurance fund, if the number of the workmen to which such fund relates shall be not less than 4,000, if the constitution of the fund be officially approved, and security be deposited of a value equivalent to \$2 for each workman employed by the members of the fund, but not exceeding \$100,000. On the formation of a mutual fund, its members have to pay in to its credit at the beginning of the first year an amount equal to one-half of the premiums which would have been payable, had the workmen concerned been insured with the National Accident Insurance Fund; and at the commencement of every subsequent year these employers have to pay in advance annual premiums, the amount of which is to be determined on the basis of the claims paid by the fund in the preceding year. The members of a mutual fund are jointly and severally liable for all sums payable by virtue of the Act; and all contributions due from them will be recoverable by the same means as taxes.

*Old-Age Insurance.* — Old-age and invalidity insurance is voluntary for all wage workers, supported by a State fund, with premiums payable by the insured, enlarged by a State subsidy. The general provisions of the law are as follows : \*

The capital endowment of the National Pension Fund is to consist of an original grant of \$2,000,000 made from public moneys, which is to be increased by certain additional amounts from a like source, by gifts from corporate bodies or from individuals, and by a certain proportion of the annual revenue of the Fund. The ordinary annual revenue of the Fund will be composed of a specified share in the profits of the Post Office Savings Bank, and in those of the Judicial Deposits Fund, also of the total amount of vacant heritages escheated to the Crown, of the annual revenue of the capital endowment of the Pension Fund itself, and of all other revenue to be eventually assigned to this Fund. In the first 10 years of the existence of the Fund, not including the year of its foundation, a certain proportion of this annual revenue is to be placed to capital account, this proportion to be fixed by the administrative board of the Fund, but so that at the termination of the tenth year, the capital endowment of the Fund shall amount to not less than \$3,200,000.

Workmen, or workwomen, may become members of the Fund by paying in contributions, which will be received in sums of not less than 10 cents, but must not amount to more than \$20 in any year. On joining the Fund, the member must declare whether he wishes his annual contributions to accrue to the common benefit of all members subscribing on such mutual

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\* From Report on Provision for Old Age in certain European countries issued by the English Dept. of Labor.

terms, or prefers that in case of his death before the closing of his account, the amount paid in by him up to the time of his death shall be handed over to his family.

So much of the annual income of the Fund as is not placed to capital account can be drawn upon for the purpose of crediting to members of the Fund (by way of subvention) sums, the amount of which is to be fixed by the rules of the Fund (to be drafted by the administrative board of the Fund, and to be approved by Royal Decree on the advice of the Providence Institution Council and the Council of State), but which are to be of like amount for each and every member, and during the first five years must not exceed \$2.39 per member. No members will be entitled to the benefit of these subventions, except those whose contributions to the Fund amount to at least \$1.19 per annum. The balance of the income of the Fund is to be applied as follows: Two-fifths of this balance is to go to the Invalidity Fund (referred to hereinafter), one-tenth is to be credited to special reserve, and the remaining half will go to increase the sum available for application in the succeeding year.

Each member will have his own separate account, in which he will be credited with his annual contributions to the Fund, and with the annual subventions referred to above, together with such other sums as may accrue to his credit. The account of each member is closed when a period of at least 25 years shall have elapsed since the date of his first payment, and he shall have completed his sixtieth or sixty-fifth year, as may be determined by the rules. On the closing of the account, whatever sum stands to the credit of the member is to be converted into an immediate life annuity in his favor. Exceptionally, other arrangements for the disposal of this sum may be made. In the case of invalidity occurring before the time when the account of a member would normally be closed, his account may be closed forthwith, but only if at least five years shall have elapsed since his membership commenced. In the case of a member's invalidity, the life annuity resulting from the conversion of the moneys standing to his credit will be increased by the application of a special Invalidity Fund formed (1) by the sums contributed by the persons under legal obligation to provide for those who are unable to work, (2) the sums standing to the credit of the Invalidity Fund, (3) any gifts or other extraordinary receipts accruing for the benefit of incapacitated persons, and (4) the interest on the capital of this special fund.

The National Fund will take charge of, and convert into life annuities, sums due, by way of indemnity, to workmen incapacitated by accidents, and also of sums granted by public bodies or by individuals for the relief of workmen unable to work through old age or infirmity. Friendly Societies, established to provide benefits in old age or invalidity, may hand over their existing capital, and transfer the future subscriptions of their members to the National Fund, which may assume the management of the property in question, subject to conditions to be laid down by the Government.

The administration of the National Fund is to be entrusted to a board to be established by Royal Decree within two months after the promulgation of the law, which will be composed in part of representatives of such sav-



ings banks and other institutions as may contribute to its funds. Subsequently, representatives of the workmen who may be members of the Fund are to have seats on the board, such representatives to be one-fourth of the total number of the board. The department of Agriculture, Industry, and Commerce, the Treasury, and the Post and Telegraph department will each have one official representative on the board. The affairs of the Fund will be under the supervision of the first-named department, to which its balance-sheets will be submitted.

The National Old-Age Pension Fund began operation on October 1, 1899. The law provided an original grant of \$2,000,-000 towards the capital endowment of the Fund, and prescribed means for increasing that endowment in order that at the end of 10 years it should amount to not less than \$3,200,000. A pamphlet recently prepared by a member of the Council for administering the Fund states that the endowment capital has already reached the sum of \$2,600,000. Towards this amount, the savings bank of Milan has given a donation of \$30,000; the Turin and Rome savings banks have each given \$20,000; that of Imola, \$10,000; and that of Forli, \$4,000.

#### NORWAY.

*Sickness Insurance.* — This form of insurance is voluntary through free sick clubs which are in effect mutual aid or friendly societies, that pay benefits according to their rules, covering usually only sick pay and funeral expenses.

*Accident Insurance.* — Accident insurance is compulsory for workmen and employes engaged in manufactures, mining, transportation, and building construction, earning up to \$300 yearly; administered by a State institution and supported by employers' premiums graded according to wages and risks.

The State Insurance Office of Norway, established for the purpose of administering the law of July 23, 1894, for the compulsory insurance of workmen against accidents in certain trades, presented in its first report, covering the period from July 1, 1895, when the law came into operation, to December 31, 1896,\* the following information, the figures being provisional:

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\* *Beretning fra Rigsforsikringsanstalten om dens Virksomhed i 1ste regnskabsperiode omfattende tidsrummet, July 1, 1895, to December 31, 1896.* Translation and summary by the English Dept. of Labor.



The committee of management of the insurance office consists of three members appointed by the Crown. The outdoor staff consisted, at the end of 1896, of 500 local inspectors appointed by the communal authorities, their salaries being paid to the extent of one-half by the State and one-half by the Communes.

All proprietors of establishments coming within the scope of the law were required to furnish the local inspectors, at least three months before the law took effect, with a statement describing the trade carried on, the number of workpeople employed, and the amount of wages paid. By the end of 1896 statements containing such information had been received from the proprietors of 8,896 establishments. Of these, 7,794 were classified according to the degree of risk which they involved, 687 were found to be free from the obligation to insure, and 415 remained to be dealt with. The whole of the premium for insurance has to be found by the employer, the rate being fixed in proportion to his wages bill and to the degree of accident risk connected with the work carried on. In calculating the wages bill, anything over \$332.50 in the yearly earnings of a workman is left out of account. It has been estimated that the yearly premiums payable to the State Insurance Office in respect of 7,488 of the insured establishments will be \$217,970.

Between July 1, 1895, and December 31, 1896, 3,842 accidents were reported. It is stated, however, that many accidents were not reported. Of the 3,842 accidents, 1,196 occurred in 1895, and of these 218 entailed compensation, viz.: 31 deaths, 162 cases of permanent disablement (four being total and 158 partial), and 25 cases of temporary disablement for more than four weeks.

The compensation payable under the law is as follows:

*For Death:* A funeral benefit of \$13.75, and pensions to the surviving widow (or widower, if disabled), to each legitimate child up to the age of 15, and in certain cases to surviving parents or grandparents. For the widow or widower the pension corresponds to 20 per cent, and for each child to 15 per cent of the annual earnings (up to \$332.50) of the deceased; but the combined pensions may not exceed 50 per cent of such earnings.

*For Disablement:* From the beginning of the fifth week after the accident, the cost of medical treatment, together with a pension amounting, in the case of total disablement, to 60 per cent of the yearly earnings, but in any case to not less than 13 cents per working day, or \$41.56 per annum. For partial disablement the pension is less in proportion; but unless this would come to at least five per cent of earnings, no pension is allowed.

The number of pensions granted in respect of accidents reported in 1895 was 235. These consisted of 162 pensions for total and partial injuries of a permanent character, the average amount of a pension being \$37.68; 25 allowances for temporary injury, at an average rate of \$56.79 per annum; 15 pensions to widows, 31 to children, and two to parents, the average yearly rates being \$40.75, \$26.87, and \$47.10, respectively.

There is no provision for old-age and invalidity insurance in Norway.

## ROUMANIA.

By the Mining Law of April 20, 1895 (old style), a system of compulsory provision against sickness, accidents, invalidity, and old age is enacted in Roumania for workpeople employed in mines and quarries, and in establishments working in connection with the mining and quarrying industries.

Although up to August 1, 1898, no mining companies had begun operations under the conditions fixed by this law, and its provisions had, therefore, not been applied up to that date, a brief account of these, in so far as they relate to the pensioning of old and infirm miners, is given.\*

As regards pensions for invalidity and old age, it appears that this branch of the miners' insurance is to be effected in Roumania by means of a "general fund" administered by the State, and deriving its means from the following sources:

(a) A deduction of two per cent from the employés' wages. It is the duty of the employers to withhold this sum and to pay it once a month into the "general fund." (b) A contribution, equal in amount to the total sum deducted under (a), furnished by the employer, and paid by him to the State. (c) Appropriations and gifts. (d) Fines and extra imposts to which employers are subject under certain circumstances for failure to comply with the provisions of the Mining Law, or of special rules enacted for giving effect to that law. (e) Profits resulting from the investment of the capital of the fund, and (f) the reserve capital of Friendly Societies which have been dissolved.

Life pensions are to be granted for invalidity resulting either from an accident sustained in the course of work, from sickness induced by occupation, or from old age. In order to be entitled to a pension on the ground of old age, a workman must have reached the age of 54, and must have paid his contributions for 30 years.

Persons who, owing to an accident, are rendered invalids, *i.e.*, permanently incapable of further work at the trade in which they sustained injury, are to receive a life pension equal to 60 per cent of their wages if they are married, and to 45 per cent if they are single. Should their incapacity be such as to permit of their engaging in an occupation other than the one in which they were injured, the pension is smaller, *viz.*, 35 and 20 per cent of wages for married and single, respectively.

The pension allowed on the ground of old age is fixed in all cases at 60 per cent of wages.

Persons temporarily or permanently incapacitated by sickness induced by their occupation are also to receive life pensions varying in the case of single men, from 10 per cent of wages after 10 years' to 45 per cent after

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\* From Report on Provision for Old Age in certain European countries, issued by the English Labor Department.

30 years' contribution; and in the case of married men, from 20 per cent of wages after 10 years' to 60 per cent after 30 years' contribution.

Upon the death of a workman who has contributed to the fund, his widow, if she has lived with him for three years, is to receive, in addition to funeral money, a pension until her remarriage, according to the number of years for which her husband has contributed, and according to whether she has children or not. If she has children, and her husband has contributed for 24 years, her pension will amount to 60 per cent of his wages. If she is childless, the maximum pension she can receive is 20 per cent of his wages. Upon her remarriage or death, each of her children will receive, until its sixteenth year, an annuity of 15 per cent of its father's wages, but the combined pensions thus allowed to all the children must not exceed the pension enjoyed by the mother before her remarriage or death.

In determining the amount of the pension, either the "average wages of the last year," or 270 times the daily wage, may be taken as a basis.

A workman who, owing to causes over which he has no control, suspends his occupation for any time not exceeding a year, must, in order to preserve his claim to a pension, pay in a sum equal to what he and his employer would together have paid had he continued at work. After more than a year's absence from work, he is to forfeit all claim to a pension, nor can he recover his claim.

Forfeiture of the pension claim will also be incurred by any workman who has forced another to take part in a strike, or who has molested workmen refusing to take part in a strike.

Arrears of contributions payable under this law are to be collected in the same way as Communal taxes.

#### RUSSIAN EMPIRE.\*

No general scheme of provision for old age exists in Russia.

Pensions are granted after a certain number of years' service to those employed in Government mining establishments, by associations existing in connection with such establishments under a provision made in 1861. The regulations for administering these associations were revised in 1881, and are still in force, though stated to be of a provisional character.

Each association consists of the persons employed in the particular establishment under agreements of not less than one year. The fund is formed (1) of yearly deductions of two per cent to three per cent (according to the decision of the members) from the wages of the members; (2) of a sum contributed annually by the administration of the works, and equal in amount to the aggregate contributions of the members; (3) of all fines imposed upon employes for neglect of duty; (4) of voluntary offerings or testamentary bequests; and (5) of interest on loans and on available capital.

Besides permanent pensions, the associations provide temporary assistance during incapacity for work and other benefits.

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\* From Report on Provision for Old Age in certain European countries, issued by the English Labor Department.

The qualification for a full pension is 35 years' service at a mining establishment, and the amount of pension is calculated on the scale of half the annual average of salary or wage earnings received during the period of 35 years. For shorter periods of service the following scale is adopted: 10 to 15 years' service, one-sixth of average yearly salary or wages; 15 to 25 years, one-fifth; 25 to 30 years, one-third; 30 to 35 years, one-half.

On the death of a pensioner of a benefit fund association, his widow and children receive pensions out of the fund, but their combined pensions must not exceed two-thirds of the deceased husband's pension.

A widow's pension ceases on her remarrying or entrance into a convent. Pensions to children of both sexes cease on their attaining 16 years of age. Those, however, who by disease may be unable to earn their livelihood, remain in receipt of their pensions during lifetime.

The provident fund of an association is managed by a committee and a general meeting of members. The committee consists of a chairman, chosen by the administration of the works, and of four members elected for three years by all the contributors to the fund. Two candidates are also elected to replace any of the four members who may be unable to act through illness or absence.

Specific rules are laid down defining the scope of action of the managing committee and the power of the general meeting, and also for keeping the accounts and moneys of the fund and for their periodical audit.

#### SPAIN.

The law regulates the liability of employers for compensation in respect to industrial accidents.\*

The scale of compensation provided is, approximately, as follows:

1. For temporary disablement: Medical attendance and medicines, together with payment to the injured workman of half his daily wages from the date of the accident until he is fit to resume work. Disablement lasting more than a year is treated as permanent.

2. For permanent disablement:

- (a) If *total*: Payment to the workman of a sum equal to two years' wages, if he be unable to engage in any occupation whatever; or 18 months' wages, if he be capable of engaging in a new occupation.
- (b) If *partial*: Payment to the workman of a sum equal to one year's wages, or the alternative of finding him equally remunerative employment at some other kind of work.

3. In case of death: Payment of funeral expenses (not exceeding \$20), together with compensation for the family of the deceased, which may consist of a lump sum or an annuity. In the former case it varies from two years' wages (for a widow with children) to seven months' wages (for a parent or grandparent). In the form of an annuity, it ranges from 40 per

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\* From the official *Gaceta de Madrid*. Translation and summary by English Dept. of Labor.



cent to 10 per cent of the wages of the deceased. For accidents in establishments not fitted with safety appliances (see below), the rates of compensation are increased by one-half.

An employer may discharge the whole or any part of the liability for compensation imposed by the present law by insuring his workpeople with an insurance office approved by the Government, but the cost of insurance must be borne by the employer, and the compensation assured must not be less than that set forth in the law. Contracting-out is not allowed.

The law provides for the formation of a Technical Council (consisting of three engineers and an architect) to investigate safety appliances, to draw up a list of such appliances for presentation to the Government within four months, and to form a museum for preserving models and testing the efficacy of such appliances.

Persons employed in agriculture and forestry do not come within the scope of the law, except in so far as their employment exposes them to danger from machinery driven by power. The rules for giving effect to the law are to be drawn up by the Government within six months, and will include regulations, framed in concert with the Technical Council, specifying the cases in which machinery must be fitted with safety appliances.

By a Royal Decree, dated August 27, 1900, regulating the operations of insurance offices carrying on the business of insuring employers against their liabilities under the Workmen's Insurance Law, all such offices must be registered by the Government, and must give security for the due fulfilment of their obligations. Every office undertaking employers' liability insurance must, if it carries on any other business, keep its reserve funds in respect of its liabilities under its employers' liability branch absolutely distinct from its other funds.

Insurance offices of the class referred to in the law are required to submit their accounts and supply returns showing their operations annually to the Government, by which a periodical valuation of the financial position of the offices will be made. Power is given to the Government, if it is of the opinion that the offices are, through undue competition, reducing rates below the point of safety, to draw up a minimum premium tariff, which will be binding on all offices.

#### SWEDEN.

Sickness insurance is voluntary as in Norway.

There is no provision for accident or old-age and invalidity insurance, although the subject is under discussion, and a special commission has reported favorably upon the proposition to make such insurance compulsory under governmental patronage.

## SECTION III.

## EMPLOYERS' INSURANCE SCHEMES IN ENGLAND.

Numerous instances exist in England of insurance funds initiated by employers, and supported either entirely at their expense, or by contributions from employers and employes jointly. The passage of the Employers' Liability Act of 1880 led, in many cases, to the establishment of such funds covering accident benefits, and intended to take the place of the compensation afforded to injured workmen through litigation.

Of this kind was the fund established at the Oldbury Alkali Works. It was intended to provide a method of mutual insurance which should not only take the place of the Employers' Liability Act, but should give some additional benefits. It was accepted by the employes and went into operation January, 1881.

*Accident Fund of the Oldbury Alkali Works.*—The contributions of the firm were equal in amount to the contributions of the employes, but guaranteed to be not less than \$5. The management was in the hands of a committee with a member of the firm as chairman. The subscriptions to and benefits granted by the fund are shown in the following statement:

Contributions.—If above the age of 18, two cents per week; if under the age of 18, two cents per fortnight. Benefits.—(1) In case of temporary disablement, \$2.50 per week for a period not exceeding 26 weeks; \$1.25 per week for a further period not exceeding 26 weeks. (2) In case of permanent disablement, the committee had power to grant, at any time after the accident occurred, a sum not exceeding \$250 in full discharge of all claims. (3) In case of fatal accidents, if a disablement allowance had not already been paid, \$500. If a disablement allowance had been paid, the amount of the same was to be deducted from the \$500 in case of death. In the case of members under 18 years of age, one-half the above specified allowances was to be paid.

The benefits were granted only in the event of accidents which occurred to workmen while engaged in the pursuit of their employment under the firm, and in accordance with certain conditions set forth in the rules.

The fund providing accident benefits at the Elswick Works affords another example of a private fund operating in lieu of the liability law. The following description summarizes its operations:

*Fund of the Elswick Works.*—The Elswick Works, carried on by the firm of Sir William G. Armstrong-Wickworth & Co., established by agreement with their employes an accident compensation fund, intended as a substitute for the Employers' Liability Act of 1880. Under the rules of this fund, it was provided that it should be used to compensate workmen for loss by reason of accident occurring to them while in the employ of the company. Every accident was admitted to the benefits of the fund, irrespective of cause, subject to the limitations and conditions specified in the rules. It was especially provided that all workmen employed by the company were engaged on con-

dition that they contribute to the fund and accept the benefits which it provided in case of accident in lieu of any claim which they might otherwise have had against the company under the Employers' Liability Act of 1880.

The administration of the fund was entrusted to a committee of 12 members, of whom four were selected by the company and eight by the workmen. The rules made provisions for auditing the accounts and for investing the moneys of the fund.

The revenue of the fund was raised in the following manner: The workmen were divided into four classes, according to rate of wages, class A-2 being boys and apprentices; class A, men rated at \$5.50 per week and under; class B, men rated at over \$5.50 and including \$7 per week; class C, men rated at over \$7 per week. It was then provided that weekly contributions should be assessed as follows: Class A-2, half a cent; class A, one cent; class B, one and one-half cents; class C, two cents. These contributions were to be paid every four weeks, the company paying a sum equal to twice the amount raised by the workmen. The managing committee of the fund had power, under the rules, to increase the contributions to the extent of doubling them when necessary, or of diminishing, or temporarily suspending them, according to the state of the fund.

The scale of allowances and compensations provides that in case of non-fatal accident there should be a weekly allowance of three-quarters of the weekly wage in class A-2; \$3.75 per week in class A; \$4.68 in class B; and \$6 in class C. In case of permanent disablement from following the usual employment, a sum which without any allowance already received for the accident should not exceed but might be less than \$125 for class A-2; \$250 for class A; \$375 for class B; and \$500 for class C; or, in case of permanent disablement from following any employment, a sum, including any weekly allowance already paid for such accident, of \$250 for class A-2; \$500 for class A; \$750 for class B; and \$1,000 for class C.

In case of a fatal accident, a sum was to be allowed which with any allowance already received on account of the accident should not exceed \$250 for class A-2; \$500 for class A; \$750 for class B; and \$1,000 for class C.

Persons receiving allowances were required at the end of 52 weeks, or earlier if desirable and practicable, to have their cases considered by the committee, who should determine either to continue the weekly allowance until the limit of compensation was reached, or if the examining surgeon certify that the injured person was permanently incapable of following his usual employment, they were to award such a sum as they considered fit, but which, with the weekly allowance already paid, should not exceed the sum allowed in case of permanent disablement; or if the examining surgeon certify that the injured person was permanently disabled from following any employment, they were required to award him a sum which, with the weekly allowance already paid, should not exceed the sum specified under the rules for such cases.

The rules provided also that no accident should be sufficient to warrant a claim on the fund which did not prevent the injured person from resuming work for at least three working days, and contained provisions as to doctors' services, medical examinations, and supervision of the persons while in receipt of the weekly allowance. In case of fatal accident, the committee was empowered to advance to the person responsible for the funeral expenses a sum not exceeding \$50, such payment in no way to bind future action of the committee.

Before any allowance or compensation could be granted for any accident, it must be proved (a) that the accident occurred while in the employ of the company; (b) or while traveling on the business of the company subject to the decision of the committee in each case in these classes; (c) or during the working hours and within the limit of the works. Accidents occurring to persons remaining in the works during meal hours for their own convenience were not recognized by the company unless under circumstances which would have made the company liable under the provisions of the Employers' Liability Act of 1880. It must also be proved (d) that the accident was not caused by the injured person being under the influence of intoxicating liquor; and (e) that it did not occur by wilful intent.

The compensation was paid in weekly amounts or in a lump sum, or in any other such way, and at such times as the committee might determine, and the payment of such sum barred any further claim by the representative of the injured person in the event of his death.

The testimony before the Royal Commission on Labor in 1895 showed that, in general, a system of joint insurance intended to protect employers against the provisions of the Employers' Liability Act was strongly objected to by employes.



This practice, they held, did away with the whole spirit and object of the Act, and made the employer careless and indifferent as to the safety of the men, inasmuch as it took away the chief motive of careful supervision and set the responsibility on the insurance fund. "It is cheaper to the employer, perhaps, to pay his insurance than to look after his plant."

The passage of the Workmen's Compensation Act of 1897 either caused the termination of accident insurance funds previously established under the patronage of the employer, or they have been modified so as to secure the approval of the Registrar General,\* and some of the funds hereinafter described, so far as they relate to accidents, have therefore either been changed when the benefits provided were insufficient to meet the requirements of the present law, or have been given up. As conditions are somewhat different in the United States, however, an account of their method of operation is not out of place. A selection of certain typical schemes is presented, out of those concerning which the Bureau has information, it being unnecessary to duplicate examples of the same general character. Although the rules have been condensed under our limitations of space, we can in the more important cases supply copies *in extenso* should they be required.

Of course, so far as these schemes relate to superannuation benefits, the funds are not affected by the provisions of the Workmen's Compensation Act, which relate only to accidents.

*Fund of Siemens Brothers & Co., Limited, at Charlton.* — At the commencement of the year 1873, the members of the firm transferred the sum of \$9,236.43 to a pension fund, which each year since has been credited with a certain percentage of the wages paid to such as are eligible to participate in the benefits. There are no contributions exacted from the workpeople, the firm bearing the entire charge. The object of the fund is to provide pensions for persons in the service of the firm in the event of their becoming unable to work, and also to assist after their deaths their widows, children, and dependent relatives. The management is vested in a committee, on which the men are very largely represented. The amount of the pension depends on the state of the fund. A person is qualified to receive a pension:

(1) If he has been in the service of the firm for 30 years or upwards and is more than 50 years of age, and ceases to work though able to work. (2) If he has been in the service of the firm for 10 years or upwards, and through no fault of his own has from any cause become wholly unable to work again. (3) If he has been in the service of the firm for a period of 12 months or upwards, and by some accident caused by or arising out of his work, and not due to any fault of his own, he has become wholly unable to work again. (4) If having been in the service of the firm for 10 years or upwards, he through no fault of his own has from any cause become permanently unable to earn more than one-half of his former average wages for the last two previous years. (5) If having been in the service of the firm for a period of 12

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\* As required by the law cited on page 139.



months or upwards, he, by some accident caused by or arising out of his work and not due to any fault of his own, has become unable to earn more than one-half of his average wages for the last previous year.

*Fund of Price's Patent Candle Company, Limited.* — The company accumulated a fire insurance fund of \$421,400 to cover the risks in those parts of the works that are uninsurable, except at very high rates. This sum being greater than is actually necessary, valuations showing that \$375,000 would be enough to cover the risk, the balance of \$46,400 was set aside to form the nucleus of a capital sum, the interest of which will be available as a pension fund. In addition, the interest, at three and one-half per cent of the \$375,000, is to be annually credited to the account, and interest at the same rate on the surplus capital of the fund. On this basis, actuarial calculations show that the balance to the credit of the pension fund at the end of 1908 would provide the maximum pensions of \$2.50 a week, likely to be required.

The following is the scale of pensions, the payments commencing on the recipient becoming incapacitated for work by age, infirmity, or other cause not resulting from his own misconduct, or when the directors consider that his duration of service entitled him to be relieved from the necessity of further toil: For men, at any age after 40 years' service, \$2.50 per week; age above 65 and service above 25 years, \$2.50 per week; age above 65 and service between 15 and 25 years, \$2 per week; age below 65, and service above 30 years, not less than \$2 and not more than \$2.50 per week, as the directors may award; under special circumstances, age below 65 and service below 25 years, such sum not above \$2.50 per week, as the directors may award. For women, at any age after 40 years' service, \$2 per week; age above 60 and service above 30 years, \$2 per week; age above 45 and service above 20 years, \$1.75 per week; age below 45 and service above 25 years, not less than \$1.75 or more than \$2 per week, as the directors may award; under special circumstances, age below 45 and service below 25 years, such sum not exceeding \$2 per week, as the directors may award.

These pensions are to commence when the worker retires from the company's service, and are to continue during the remainder of his lifetime, unless he subsequently enter into business, or obtain remunerative employment, or impart information respecting the company's manufactures or business for the benefit of a competitor in trade. In the meantime, every worker is compelled to belong to a sick benefit society, and to deposit a small sum annually in the savings bank. Clauses six and seven of the rules read as follows: "(6) The pension fund, being provided and maintained by the company's bounty, shall remain the company's property, subject to the charge thereon of pensions; and the amount, investment, and management of it shall be under the exclusive control of the directors, pensioners and workers not having any right to interfere therewith. (7) The pensions shall be payable only out of the pension fund, and only so long as the company shall continue to carry on business, and shall not be required by legislative enactment to provide anything in the nature of a superannuation or a retiring pension or allowance."

*Fund of Reuter's Telegram Company, Limited.* — The Reuter's Telegram Company, Limited, established a superannuation fund in 1893, covering all the salaried officers of the company of the age of 19 years at least, who were in the employ of the company at the date of the establishment of the fund, and who consented to become members of it, and to make the required contributions, and also all other salaried officers of the company who afterwards, at the discretion of the managing committee and subject to the approval of the board of directors of the company, are admitted as members. The members who were admitted after the establishment of the fund were to be subject to such terms and conditions, in all respects, as the managing committee should deem fit and consider compatible with the interests of prior members. The company had previously established an insurance fund to which it annually contributed \$2,000. The provisions relating to the superannuation fund are as follows:

The fund consists of the contributions of members and of additions thereto by the company, and of the investments, dividends, interest, and accumulations thereof.

Each member contributes to the fund annually a sum equal to two and one-half per cent upon his salary, such contribution to be deducted by the company as the salaries become payable. Separate accounts are kept of the members' and company's payments.

The company shall, on the occasion of every contribution to the fund being made by or on behalf of a member, contribute to the fund a similar sum. In addition, the company shall also contribute to the fund the surplus for the time being of the annual contribution of \$2,000 to

the insurance fund (previously mentioned), which, having regard to the condition of such fund, may not be required for the purpose of satisfying the insurances chargeable thereon. The fund collectively called "The Fund" will thus consist of two branches, the Members' Fund and the Company's Fund. All members' contributions and contributions in respect of the same by the company shall cease upon their respective retirement or superannuation, or upon their respectively attaining the age of 65 years whether they continue in the employ of the company or not.

The fund is managed by a committee consisting of officers and heads of departments of the company. They have power to regulate their own proceedings, to employ an actuary, and upon his advice to modify the provisions of the scheme but not so as to require any person to refund moneys actually received under it, or to contribute more than two and one-half per cent of his salary. There are also provisions in the rules for the investment of the funds and for auditing. The allowances from the fund are as follows:

The superannuation allowances are to be paid, as to one part, out of the Members' Fund, and as to the other and remaining part, out of the Company's Fund. Neither the company, managing committee, trustees, nor members shall be in any way responsible for the allowances in the event of the fund not being sufficient for payment thereof, but in such case the allowances for the time being payable thereout shall abate ratably. The allowances shall be in the form of an annuity to commence on a member completing the 65th year of his age and thereafter retiring from the service of the company, and to continue during the rest of his life.

So far as regards the amount of the annuity, the general object of this scheme is to ensure that the yearly amount of such annuity shall not be less than 40 per cent of the yearly salary payable by the company to the member at the time of his becoming entitled to his allowance, that is, at the time of his retirement after having completed the 65th year of his age, and that, when and so long as the condition of the fund is such that it is more than sufficient for this purpose, the managing committee may, if the actuary concur, employ such surplus of the fund in augmenting the prospective annuity of the members in proportion to the total contributions paid by and allotted to each of them during the period that the said surplus may have been accumulated. The managing committee may also set apart a portion, but not more than half, of any surplus over and above the amount required to discharge the annuities intended to be secured by and in accordance with the rules of the scheme for allowances or grants to members who, through accident or illness, have, in the opinion of the managing committee, become incapacitated before reaching the age of 65. Contributions by members shall, under provisions fixed in the rules, be returnable to them or their legal personal representatives. Contributions by the company will not be returnable to the company.

The Members' Fund shall be the fund for payment of the annuities so far as the same depend on the contributions made by the members, but the amount of such annuities shall be increased by payments appropriated for the purpose of increasing the same out of the so-called Company's Fund in the manner provided in the rules.

Members shall enter on their pensions on completing their 65th year and thereafter retiring from the service of the company, and the pension shall run from day to day thereafter.

If a member dies or retires from the company's service voluntarily or on notice from the company, except in case of fraud or dishonesty on his part, before he shall become entitled to a retirement, such member, or his executors or administrators, shall receive back the whole of the contributions to the fund made by him (but not any part of the contributions thereto made by the company) without interest. If a member be dismissed from the company through fraud or dishonesty on his part he shall forfeit all claim to a return of contributions.

If any member shall, after having been a member for 10 years or upwards, retire from the company's service by reason of total incapacity, he shall be entitled to receive a retiring pension computed according to the actuarial value of the total amount set apart for his benefit until then, and no further appropriation shall be made in his favor out of the Company's Fund.

Any member may elect to retire with an annuity at the age of 60 instead of 65 years, but the annuity payable to him in that case shall be computed according to the actuarial valuation of the total amount set apart for his benefit until then, and no further appropriation shall be made in his favor out of the Company's Fund.

All benefits of the superannuation fund shall be inalienable and unassignable and shall enure for the sole benefit of the member, and should a member in any way attempt to alienate any benefit he is or might be entitled to derive from the fund, or should he become bankrupt or insolvent, his interest in the fund shall thereupon cease, and all payments made by him or on his behalf into the fund shall thereupon be absolutely forfeited. Nevertheless, it shall be competent for the managing committee in their absolute discretion to revive the interest of the member either in whole or in part as they may think fit and on such conditions as they may think fit and for the benefit of the member or of his family or of any person or persons dependent upon him as they may think fit.

*Fund of Cassell & Co., Limited.*—In May, 1878, Messrs. Cassell, Petter, Galpin & Co., with the view of benefiting those of their employés who had already given, or who might thereafter give, long and faithful service to the firm, resolved to set aside a fixed proportion of their profits to form a fund out of which certain benefits might, at their discretion, be paid.

The scheme provided for the payment of a sum, varying according to length of service, to the family or representative of any person who might die in their employment after seven years' service; or for the payment of bonus of similar amounts to those who, having served at least seven years, became incapacitated by old age (after the age of 65), or who before that age might become totally unable to perform any labor, owing to accident or to incapacitating disease, such as blindness, paralysis, insanity, etc. It further provided for paying an addition to the amount payable by the Belle Sauvage Sick Fund on the death of a member. The addition was \$25 if the member had been in the employment of the firm for less than seven years, and \$50 if the member had been in the employment for upwards of seven years. There was, moreover, a sum allotted to meet, also at the discretion of the firm, cases of extreme emergency or of unforeseen calamity occurring to individuals, whether their term of employment had been under or over seven years.

No employé was or is eligible for any of the benefits should he leave the service of the firm, except he be discharged in consequence of any temporary slackness of work in the department in which he may be employed. In such a case, should he re-enter the service within two years of his discharge, the time of his first engagement is reckoned in calculating payments made under the scheme.

Actuarial calculations were made on the basis of the returns of a few previous years, and the fund then instituted provided for payments according to the following scale:

CLASSES.	AMOUNT AFTER SERVICE OF —		
	7 Years	14 Years	21 Years
Overseers and managing clerks, . . . .	\$250.00	\$375.00	\$500.00
Clickers, sub-foremen, and first class clerks, . .	187.50	281.25	375.00
Workmen, workwomen, and clerks, . . . .	125.00	187.50	250.00

This scheme came into operation from the commencement of 1878, and the payments to April 30, 1883, amounted to \$3,025, in sums varying from \$25 to \$300. In meeting cases of extreme emergency or calamity occurring among the employés of the firm during the same time, assistance was given to 80 cases, in amounts varying from \$2.50 to \$93.06.

When the business of the firm was converted into a limited company, there remained in hand on April 30, 1883, an accumulated fund amounting to \$10,929.70, and this amount was invested in the names of trustees who then lent the fund, at five per cent interest, a further sum of \$10,000 and \$20,000 out of the moneys thus in hand was invested in fully-paid shares of Cassell & Co., Limited.

At the same time, it was resolved to extend the sum allotted for the benefits of the fund, and it was determined, under the powers given by articles of association, that after providing for a reserve fund and paying five per cent upon the share capital, five per cent of the remaining profits should in future be appropriated for the purposes of these provident and emergency funds, and for paying such other charitable subscriptions as the late firm was in the habit of contributing. The amount so set aside has yielded an average of \$4,363.62 per annum, from which, after deducting an average of \$553.68 for charitable contributions, there has remained an average of \$3,809.94 per annum, in addition to the income of the investments, for the purposes of the funds. About 10 per cent of this remainder has been devoted to the relief, at the discretion of the committee in whose hands its management is placed, of such cases of extreme emergency or calamity as may arise; and the balances, amounting to \$45,183.14, have been placed to the credit of the Provident Fund. Employés earning more than \$2,000 per annum were at first excluded from the benefits, and, until October, 1889, those earning from \$1,500 to \$2,000 were entitled to half benefits. The remaining employés were divided into three classes as follows: (1) overseers and managers to receive twice as much as class 3; (2) clickers, sub-foremen, etc., to receive one and one-half times as much as class 3; (3) clerks, workmen, etc. Each class then consisted of four divisions: (a) those who have served 5 years, ranking for one share; (b) those who have served 10 years, ranking for one and one-half shares; (c) those



who have served 15 years, ranking for two shares; (d) those who have served 20 years, ranking for two and one-half shares.

When the fund was originated it was intended to make a periodical revision of its tables, and such action has from time to time been taken. The schedule under the revision of 1895 was as follows:

CLASSES.	AMOUNT AFTER SERVICE OF —			
	5-10 Years	10-15 Years	15-20 Years	20 Years and Upwards
Managers, overseers, and managing clerks, .	\$300.00	\$450.00	\$600.00	\$750.00
Clickers, sub-foremen, and first class clerks, .	225.00	337.50	450.00	562.50
Workmen and clerks, women and boys, . . .	150.00	225.00	300.00	375.00

The funeral allowance to those belonging to the Belle Sauvage Sick Fund being \$25 if the member shall have been in the employment of the company for less than five years, and \$50 if the member shall have been in the employment of the company for more than five years.

*Annuity Fund of The Thames Iron Works.* — The general rules governing this fund are as follows:

The entire management of this scheme shall be retained in the hands of the company. No man may contribute more than two and one-half per cent of his wages, but the Thames Iron Works Company will contribute yearly an amount equal to that contributed by each man, the whole to be accumulated at interest. In the event of a man becoming incapacitated for work through ill-health or accident, the total sum standing to his credit, including the company's contributions, shall be applied to the purchase of an annuity in accordance with the table appended. Should, however, the managing body for any reason consider the purchase of an annuity undesirable, the amount shall be applied as they may think fit. In the event of death before the annuity is entered upon, the total amount standing to a man's credit, including the company's contributions, shall be paid to his representative. In the event of a man leaving the company's service from any cause other than ill-health, the amount paid in by the man himself only shall be repaid to him with interest at the rate of two and one-half per cent. The amount paid by the company to the credit of men who leave the service, together with any other profits, shall be placed to a reserve fund to ensure the financial stability of the whole scheme. Should no contribution be paid by a member for a period of six months the member shall be obliged to withdraw the amount he has paid in, without the company's contribution, in the same way as if he had left the service.

Should a man be temporarily out of work he need not forfeit his interest in the funds; the six months' rule would apply. Each year a statement showing clearly how much stands to the credit of each man shall be issued.

The Accident Fund established in connection with the Thames Iron Works is applicable to accidents met with while the members are engaged in the work of the company only. It is subject to the following provisions:

All workmen and lads in the employ of the company are eligible to become members, and are classed as follows: Class A. Workmen whose earnings are \$4 per week and upwards pay two cents per week to the fund. Class B. Lads whose earnings are less than \$4 per week pay one cent per week to the fund.

The benefits are on the following scale: Class A, \$2.50 per week for 12 weeks, and half-pay, \$1.25 per week, for a further period of 12 weeks. Class B, \$1.25 per week for 12 weeks, and half pay, 62 cents per week, for a further period of 12 weeks. Members having received 24 weeks' accident pay shall be entitled to no further benefit for the same accident. Members shall be free to benefits in case of accidents after paying 12 consecutive weekly payments. Members meeting with accidents before the expiration of the 12 weeks, if still unable to work after the 12 weeks have expired, may then declare on the fund, providing they pay the remaining weekly payments to complete the 12 weekly contributions.

Any member proved to have been intoxicated while in receipt of benefit payments from the fund, or in any way conducting himself so as to hinder his recovery, shall forfeit all claim upon the fund.



*Fund of Messrs. William Denny Bros., the Leven Shipyard, Dumbarton.* — This is an accident fund to assist members rendered unable to work in consequence of injury, and to help their relatives in case they die from these accidents. In very few industries is such a fund more necessary than in iron shipbuilding, for the liability to injury is very great, and each man is much at the mercy of his fellows and dependent on their carelessness.

Employees rated at \$5 a week pay six cents each, those rated between \$2.75 and \$5 pay four cents, and those below \$2.75, two cents per week, while the firm subscribes an amount equal to that raised by the men. The benefits range from \$3 to \$1 per week, according to subscriptions, and cease at the end of 12 weeks, unless specially continued by the managers of the fund. In the case of fatal accident, the following lump sums are paid, according to grade, \$150, \$100, and \$50.

*Fund of the Prudential Assurance Company.* — The Prudential Assurance Company, Limited, of London, on the occasion of the fifth anniversary of the establishment of the company, organized a fund called the Prudential Staff Provident Fund, to which every superintendent, assistant superintendent, and agent who has been at least a year in the company's service, and whose salary shall not exceed \$2,000 a year, is invited to contribute to the extent of not more than two and a half per cent of his permanent salary and renewal commission in any year. This scheme is altogether independent of the grants and retiring allowances which it is the practice of the directors to make to their agents and others on superannuation, and which it is intended to carry out in the same way as heretofore. Its principal features are thus described :

With a view to encourage their staff to embrace the opportunity afforded by the establishment of this fund, the directors decided that for every shilling contributed by the staff the company would contribute a further sixpence, and upon the amount thus standing to the credit of each contributor, the interest earned by the fund will be allocated at the end of every year. Under the rules of the fund, the directors undertake not only to guarantee the benefits contracted for, but also to defray all the expenses incidental to the working of the fund.

Contributions of any number of sixpences, but not less than one shilling, may be forwarded not oftener than once in each calendar month, subject of course to the limit already referred to. The sums so contributed by the staff and added to by the directors will be periodically invested in the name of Trustees nominated by the directors of the company for the purposes of the fund in securities of the highest character, and an account will be sent annually to each contributor, showing the state of the fund generally and of his own particular account. Contribution to the fund is to be entirely voluntary; no member of the staff is to be compelled to contribute, or, even having begun to do so, to continue.

On the superannuation or retirement of any contributor from falling health, the whole amount standing to his credit in the fund will be paid out to him, and will of course be available for the purchase of a life annuity, or for any other purpose which the contributor may desire. In the event of death while in the service of the company, the amount will be paid to his representatives. If a contributor should at any time cease to be employed by the company from any cause other than superannuation or ill-health, he is to be repaid the whole of the sums which he has himself contributed, with the interest earned thereon, but he is not to be entitled to the company's additions nor to the interest on such additions. A contributor may also at any time withdraw the whole or part of his contributions, but in such case he will not be entitled to the amount added by the company nor to the interest earned thereon.

It is an important provision of the scheme that the amount which has been added by the directors will never in any case revert to the company, but the amount released by the withdrawal of a contributor will be carried to a separate account, and will be allocated annually among the remaining contributors. The amounts contributed by the agents will be kept quite apart from those contributed by the superintendents and assistants. Agents alone will be entitled to share in the distribution of the additions which may be set free by the withdrawal of an agent as a contributor.

*Anonymous Superannuation Fund No. 1.\** — After considerable inquiry into similar schemes, the directors decided to inaugurate this fund without any assistance whatever from the men or any deduction from their wages. Thus it is an entirely private one, and the pensions may be regulated from year to year according to the amount available

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\* Name of establishment omitted by request.

in each year. The principal source of income is derived from a minute of the board agreeing to set aside each year an amount equal to one per cent of the total wages and salaries paid, up to \$1,500, such sum being available in the following year for distribution in pensions. Should any balance remain on the following 31st of December over a certain working margin, such balance is carried to capital account, and may not be used for current expenditure. By this means a sinking fund or rather capital is accumulated, and it is believed that if a scheme such as this was started in a new works with young men it would be ample to cover the ordinary requirements, say at the rate of \$12.50 a month in old age. As, however, the works have been in operation for nearly half a century, and it was anticipated that the maximum amount of claims would be encountered at once, a sinking fund was established by voluntary gifts, both from the company and from individual directors, which, amounting to several thousands of dollars, yields in interest from investment a substantial addition to the ordinary income from wages percentage. This income is treated in precisely the same manner, and at the end of each year so far a substantial amount has been carried to capital. The qualifications for pension are as follows :

(1) If he has been in the service of the company for such a number of years as added to the number of his years of age makes a total of not less than 90, and he ceases to work; (2) if he has been in the service of the company for 10 years or upwards, and through no fault of his own has, from any cause, become wholly unable to work again; (3) if, having been in the service of the company for 10 years or upwards, he through no fault of his own has, from any cause, become permanently unable to earn more than one-half of his former average wages for the last two previous years; (4) if he has been in the service of the company for a period of 12 months or upwards, and by some accident caused by or arising out of his work, and not due to any fault of his own, he has become wholly unable to work again; (5) if, having been in the service of the company for a period of 12 months or upwards, he, by some accident caused by or arising out of his work, and not due to any fault of his own, has become unable to earn more than one-half of his average wages for the last previous year.

As already stated, the pensions can be varied, but as a matter of practice the uniform plan of \$12.50 a month is adopted, except in special circumstances, which is calculated to maintain a man either as a lodger with his son, or in his own house if he has acquired it or other savings, while the sum is not large enough to discourage individual thrift through life. Of course there are sundry rules with regard to forfeiture of pensions, and some special assistance to widows should it seem desirable.

The workmen have no vested interest in the funds, which are placed in the hands of trustees nominated by the company.

*Fund of The Graphic Newspaper Company.* — The proprietors of "The Graphic" and "Daily Graphic" newspapers, London, established a benefit fund termed a "thrift" fund, in 1892, under which the proprietors add 50 per cent yearly to the savings of their employés, under the following conditions :

1. That, with respect to those persons whose employment upon weekly wages shall commence on or after January 1, 1892, the provisions of this thrift fund shall be obligatory, but for those who are in receipt of weekly wages before that date, joining the fund shall be optional. It is, however, the intention of the directors only to proceed with the establishment of the fund if a sufficient number of their employés determine to avail themselves of its benefits.\*

2. In the case of those who join either before or after the date named above, deductions shall be made from the amount of their weekly earnings of such sums as the contributors may from week to week determine, but these shall in no case be less than two and one-half per cent on the weekly earnings (12 cents in the \$5) or more than five per cent (25 cents in the \$5) of such earnings.

3. In the case, however, of those persons whose weekly earnings exceed the sum of \$20, contributions may be made at the above percentages on such sum of \$20, but on no amounts in excess thereof.

4. Withdrawal of the amount paid in by the contributor, together with three per cent per annum compound interest, but without further additions, shall be compulsory if for any reason the contributor leaves the employment of The Graphic or Daily Graphic.

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\* Practically all employés joined.

5. Otherwise the amount so contributed shall remain in the hands of the company until either :

(a) The death of the contributor while in the employment of the company.

(b) His being incapacitated by illness from further work.

(c) His having arrived at the age of 55 years or upwards, after contributing for 10 years at the least.

Under any of these conditions (a, b, and c), the company will add 50 per cent to the amount subscribed, and the contributor, or his representative, shall be further entitled to receive from the fund beyond such sums three per cent per annum compound interest, both on the amounts paid in by himself and added by the company.

The following illustration explains the operation of the scheme: A contributor, at the age of 35, earning \$10 per week, sets aside 50 cents. This is equivalent to \$26 per annum. The directors will set aside on his account and, if the contribution is allowed to remain the required time, will add to this the sum of \$13 yearly. His savings, therefore, will be at the rate of \$39 per annum. By the age of 55, these will have reached the sum of \$780, and will, with compound interest, amount to \$1,054. In case of death, the entire sum will be handed over to the contributors' representatives; or, if having attained the age of 55, he be desirous of discontinuing contributions and withdrawing either the whole or a part of the amount accumulated, it shall be at his disposal. It may, however, if so desired, remain and accumulate at the rate of three per cent compound interest, and contributions may continue to be made as before, with the same additional benefits so long as the contributor remains in the employment of the company.

6. If, however, any of the contributors should so desire, they shall have the option of withdrawing the balance standing to their credit, or any portion of it, at an earlier period than has been stated above upon the following sliding scale according to age, as shown in the following table:

THE FIRST CONTRIBUTION HAVING BEEN MADE BETWEEN THE FOLLOWING AGES: —	Contributions having been made for —	The Contributor having therefore arrived at the Age of —
15 and under 20 years, . . . . .	25 years	40 to 45 years
20 and under 25 years, . . . . .	20 years	40 to 45 years
25 and under 30 years, . . . . .	18 years	43 to 48 years
30 and under 35 years, . . . . .	15 years	45 to 50 years
35 and under 40 years, . . . . .	12 years	47 to 52 years
40 and under 45 years, . . . . .	10 years	50 to 55 years
45 and under 50 years, . . . . .	7 years	52 to 57 years
50 and under 55 years, . . . . .	5 years	55 to 60 years

But under the withdrawal conditions set forth in the above table the company will add 25 per cent only to the amount subscribed, and the contributor or his representative shall be further entitled to receive from the fund beyond such sums three per cent per annum compound interest, both on the amounts paid in by himself and added by the company.

7. The directors reserve to themselves the right of revising the details of the scheme as experience may prove to be necessary. They also reserve to themselves the right of winding up the entire scheme at any time, if for unforeseen reasons it appears to be desirable; but in that case the balance in hand, including the amounts paid in by the contributors and set aside by the company, together with compound interest at the rate of three per cent per annum on both, shall be divided among the contributors in proportion to the amounts they have paid in.

8. The directors also reserve to themselves the right to close the account with any one man, if it should appear to them to be necessary, but in that case he shall be entitled to the same additions as though his contributions had remained the required time.

In establishing this fund, the directors of The Graphic and Daily Graphic expressly stated that it was not their wish to interfere, by so doing, with any of the beneficial arrangements at present existing in which their employes were interested, such as the Printers' or Engravers' Sick Funds, but to offer a strong inducement for their employes to put aside regularly a portion of their earnings. That is, the fund, although paying death and invalidity benefits, was so organized as to stimulate thrift on the part of the employes towards providing for the same emergencies.



*Fund of the Woodhouse Mill, Deighton.*—The following is the Assurance and Pension Fund which has recently been adopted at the Woodhouse Mill, Deighton, Huddersfield, by the firm of W. Thomson and Sons, Limited:

Whenever the net profits realized in any year are equal to five per cent of the wages paid during that period, a sum equal to one per cent of such wages will go to the Assurance and Pension Fund.

For every sum by which such profits are two and one-half per cent more than such five per cent, an additional sum equal to one per cent of such wages; but the total amount thus applied shall not exceed five per cent of the wages paid during such period. The amounts granted to the said fund shall be invested and accumulated, and the accumulation thereof shall be applied in or towards the relief of sickness among the persons employed by the society, or their families, or the grant of pensions to persons so employed in cases of inability to work from accident or old age, in such manner and subject to such conditions and regulations as the committee may determine.

In all cases of sickness or accident, a full week's wage will be paid for the first week or part of a week, and for each succeeding week until convalescent, \$2.75 per week for men whose wages do not exceed \$7.50 per week; exceeding \$7.50 but below \$10, \$3.75; \$10 and upwards, \$5 per week; and for women and boys whose wages do not exceed \$3, a sum of \$1.25 per week; and for those whose wages exceed that sum, \$1.75 per week.

In cases of death occurring before the expiration of one month from the receipt of sick or accident pay, the widow or family of deceased may be paid a sum of not less than \$50 for men, nor less than \$25 for women and boys.

No pension shall exceed \$5 nor be less than \$2.50 per week for men, and \$1.75 and not less than \$1.25 for women, which may be paid at the age of 65 for men and 50 for women, but shall be compulsory at the age of 70 for men and 55 for women, the rate of payment to be \$2.50 per week upon wages below \$10; \$10 and upwards, \$5 per week for men; and for women, whose wages do not exceed \$3, \$1.25 per week; above that sum, \$1.75 per week.

Pension will be forfeited if engaged in regular occupation, which will be determined by the committee.

Upon the marriage of women, who have been employed not less than five years, a sum of \$25, and for not less than 10 years, a sum of \$50, shall be granted, employment to cease upon marriage.

*Anonymous Superannuation Fund, No. 2.\**—This firm maintains a superannuation fund for all salaried officers, clerks, and assistants of 20 years of age and upwards in its service prior to the date of the establishment of the fund. It also maintains a pension fund similarly administered, but applying to all eligible employes of 18 years of age and upwards in the service prior to the date of the establishment of the pension fund, and it is provided that all employes under that age shall, on reaching the age of 18, become contributing members of the fund, and that all eligible persons who may join the service after that date, if under 18 years of age at the time of joining, shall become contributing members on attaining 18 years of age.

As to the superannuation fund, any person entering the service as salaried officer, clerk, or assistant, after he has attained 20 years of age, shall become a member of the fund, and, in addition to the contributions required by rule 31, shall contribute two and one-half per cent of his first year's salary for each year that he may be above that age. Such back payments may be distributed over a number of years equal to that by which such person's age exceeds 20 at the time of joining the service. Every person becoming a contributing member of the fund shall so continue during the time that he remains in the active service of the firm, unless he has contributed such sums as, with the firm's contributions on his behalf, will provide him the maximum pension hereinafter named.

The fund shall be under the management of the committee of the fund. The committee shall consist of the firm and four members of the fund to be selected by the firm, and four contributing members of the fund to be elected by the members of the fund. Any member of the fund shall be eligible for election to the committee, provided that he be nominated in writing by six members of the fund, and such nomination be sent to the secretary at least 14 days before the date of election.

The rules provide for the retirement of members of the committee in rotation, and members thus retired are eligible for selection or re-election. There are also provisions for filling casual vacancies and such general rules as are necessary to provide for the election of officers, the management of the business, the keeping of accounts, and auditing of the same, and for

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\* Name of establishment omitted by request.



employing the services of an actuary and medical officers, who are not to be members of the committee. The committee has the power to increase the benefits conferred upon the members of the fund, either by reducing the pension age, or by increasing the amount of the pension if, upon consultation with the actuary, the state of the fund permits such increase. On the other hand, they have power to reduce the benefits if the state of the fund is such as to require it.

The trustees of the fund are the members of the firm, for the time being, and all the property of the fund is vested in them. They are required to invest the same in public stocks or funds or in securities of undoubted character, and it is especially provided that no investment shall be made in the shares of any company with unlimited or any other liability, or which does not pay a dividend upon its ordinary shares.

The contributions to be made by members of the fund shall be at least two and one-half per cent of their salary at the time being for those under 40 years of age at the date of the establishment of the fund, and at least five per cent of their salary at the time being for those at and over 40 years of age at the date of the establishment of the fund, to which sums, in each case, the firm will add a similar amount, up to a maximum of five per cent, provided always that a member's contributions and the firm's additions thereto shall cease upon the member's retirement or superannuation; and that where the member's contributions and the firm's additions on his behalf shall be more than sufficient to provide a total pension at the age of 65 of \$2,000, the amount of the contributions of the member and the firm shall thereafter be diminished to keep the pension down to \$2,000 and no more.

Members of the fund may increase their future pensions by subscribing more than the minimum amounts required by rule 31, it being understood, however, that the firm does not contribute more than five per cent of any member's salary.

The maximum pension to which any member of the fund shall be entitled is fixed at \$2,000 per annum; and when the contributions of the member, and of the firm on his behalf, shall have provided a pension equal to this sum, the contributions of the member and of the firm on his behalf shall cease.

Each member of the fund, on attaining the age of 65, shall cease his contributions to the fund, and shall become the recipient of such pension as his contributions to the fund, and those made by the firm on his behalf, shall entitle him to, on the basis of the actuarial table in use.

If any contributing member of the fund shall die before he shall have attained the age of 65, the whole of his own contributions to the fund, together with three per cent compound interest, computed annually, shall be paid to his legal personal representatives, and their receipt shall be a valid discharge to the trustees and committee.

Any member of the fund who retires from the service before the age of 65, on account of failure of health, and who shall at the time of retirement be over 30 years of age, may receive such equivalent pension, commencing at once, as the value at that time of his fully paid pension at 65 will, in the actuary's opinion, provide, such immediate pension to be increased by one-fifth part. No member shall be entitled to the benefit of this rule unless he produces a certificate signed by the medical officer of the fund, stating that, in his opinion, such member is unfit, on account of the state of his health, to remain in the service of the firm.

In the event of any member of the fund, after one year's contribution thereto and before he shall have attained the age of 65, retiring from the service either voluntarily or at the request of the firm, but not on account of failure of health, he shall, save as provided by rules 40 and 41, receive back the whole of his own contributions to the fund, together with compound interest at the rate of three per cent per annum, computed annually.

In the event of any member of the fund retiring from the service voluntarily, or at the request of the firm (except in the case of dismissal for misconduct or fraud), on or after reaching the age of 60 and before the age of 65, he may receive a pension, commencing at once, equivalent to the value at that time of his fully paid pension at 65. The proportion of such immediate pension to the pension already provided to commence at 65 is shown in the actuarial tables. Any member of the fund who shall be dismissed from the service on account of misconduct or fraud, or who shall resign to avoid dismissal, shall receive back all contributions which he may have made to the fund, but without interest. The interpretation of the words "misconduct" or "fraud," or of the expression "resign to avoid dismissal," shall be decided by the firm.

Any member of the fund entitled under rule 36 or 40 to a pension, may, subject to the approval of the committee, and if he be in good health, commute the pension to which he is entitled for a payment in cash, the amount of which shall be determined by the actuary. All pensions shall be paid quarterly, on the first day of January, the first day of April, the first day of July, and the first day of October.

The expenses of administration are charged against the fund, and members of the committee are allowed an amount not exceeding their actual out-of-pocket expenses when employed in the service for travelling and other items rendered necessary by attendance at the meetings of the committee. The rules also contain a provision for winding up the fund at any time if it appears

to the committee that, in the interests of the members, it is impracticable or undesirable to carry it on, and if the fund is thus closed the assets are to be used in paying the salaries of the officers of the fund up to the time of dissolution, and the cost of winding it up, and in providing for the maintenance and future payment of all pensions which at the date of dissolution may be payable out of the fund, and in providing that each member shall be repaid the amount of his own contribution together with three per cent compound interest, computed annually, or if the fund be insufficient, that the amount available shall be divided pro rata; if any balance remains, the committee is to take the advice of two actuaries, one to be nominated by the trustees, and one by the remainder of the committee, with power to these two actuaries to nominate a third in case of need, and the actuaries shall advise the committee as to what extent, having due regard to the rules of the fund, each member is entitled to share in the distribution, and whether, after satisfying the claims of all members in such manner as they, the actuaries, consider equitable, any, and if so what, amount is fairly returnable to the company in respect to the contribution which they made at any time to the fund, including interest.

In establishing this fund, the firm stated that it was the intention to provide for the payment of pensions for all salaried officers, clerks, and assistants, who were at the time in the employment of the firm, and who might afterward enter into its employment. It was based upon the assumption that all those over the age of 20 years, or who may attain that age, will become members of the fund. It was impressed upon the employés that, as the producing power of each \$5 of contribution decreases rapidly with age, the members would do well, while fairly young, to contribute a sufficient percentage of their salaries, recollecting that up to five per cent the firm will add an amount equal to their contribution.

Tables were presented showing the payments necessary to secure a pension of different amounts on arrival at the age of 65, with examples worked out so as to clearly show the employés the benefit to be derived from the fund.

It is not necessary to cite the rules of the pension fund which apply to the employés not eligible to the superannuation fund, so-called, inasmuch as, in general, those rules have the same practical effect as the rules which we have cited.

*Fund of Brush Electric Engineering Company, Limited.*—This may be called a "bonus scheme," since it credits each man with his share year by year, and puts it into his power to realize a part of it at once, and the remainder some time after leaving the company's service, the latter part accumulating steadily, but not requiring any stated number of years' service before its enjoyment can be entered into.

Each year a sum equal to 10 per cent of that distributed among the shareholders by way of dividend is set aside to constitute a bonus fund. To participate in this, an employé must be recommended by one of the heads of departments, or of the managers. By adopting this principle of selection, two objects are gained; the benefits of the fund are not unduly reduced by being spread over too wide an area, and a healthy stimulus to good conduct is secured by making the recommendation depend on the character of the applicant. In practice, any man who works well for two or three years is sure of being allowed to participate. The distribution of the fund is in proportion to the salaries or wages of the participants during the previous year. One-half of the share of each participant is paid into a savings bank to his credit, and the other half is invested in the names of trustees in a provident fund, bearing interest at three per cent. This latter can only be withdrawn under one of the following conditions: (a) on the participant attaining the age of 60 years, and giving three months' notice; (b) on the participant completing 25 years' service with the company, and giving three months' notice; (c) on the death of the participant; (d) in the event of such sickness or distress as appears to the trustees to warrant the withdrawal of a part or the whole of the sum; (e) after the participant has left the company's service for six months. These conditions are made in the interests of thrift. No assignment or mortgage of a man's interest is permitted or recognized.

*Fund of the South Metropolitan Gas Company.*—The South Metropolitan Gas Company has a workman's superannuation fund, a sick and burial fund, and an accident fund. To the superannuation fund each workman permanently employed by the company may contribute six cents per week, which sum he may voluntarily increase to 12 cents, if he desire to come under the higher scale of benefits. The company undertakes to furnish not less than six cents per week per member and to guarantee the stability of the fund. The company's subscription, in 1900, amounted to \$9,742.33

with an extra contribution of \$8,132, the number of subscribing members on December 31, being 2,757. There are several classes of benefit under the fund, but none of them are available until subscriptions have been paid for 10 years at least.

These benefits are paid in case of injury, infirmity, old age, and death. A member who, after 10 years' subscriptions, becomes injured and incapacitated in the company's service, in the discharge of his duties, receives \$2.50 per week, so long as he is incapacitated, or \$3.50 if he has subscribed the 12 cent rate. The same sums are paid to a member who, after subscribing for 10 years, and after being in the company's service for 25 years, becomes incapable of following his employment, provided his infirmity is not the result of his own bad conduct. Whether a man be infirm or not, he has the right, on attaining the age of 65, and after he has subscribed for 25 years, to claim his pension, which will vary, under the six cent rate, from \$2.50 to \$4.25, or under the 12 cent rate, from \$3.50 to \$5.87, according to his standing as a subscriber. A subscriber for less than 10 years, on leaving the service (except for fraud and dishonesty), is entitled to the return of his subscriptions or to the return of two-thirds after subscribing for 10 years or more. Any subscriber for not less than 25 years, who is less than 55 years old, not having received benefits, and who retires before his full pension accrues, may, instead of receiving a return of his subscriptions, receive a weekly or annual allowance, reduced proportionately from the regular pension scale. The widow or dependent children of a subscriber for less than 10 years are entitled to a return of his subscriptions or to a return of three-fourths, if payments have been made for more than 10 years, provided that, if benefits have been paid amounting to less than three-fourths of the subscriptions, the difference only is returned. If there be no widow or dependent children, no other representative, nor any other person whatever, shall have any return from the fund.

To the sick and burial fund, the company undertakes to subscribe yearly such sum of money as shall be required to make the fund solvent, provided the members conform to the rules. The weekly subscriptions are six cents and 12 cents, the latter entitling the payer to an increase of 50 per cent in the payments. The benefits to those incapacitated by sickness, which is not the result of their own bad conduct, are \$3 per week, under the six cent scale, for a period not exceeding three months, and \$1.50 per week for another three months, all separate payments within a year being calculated continuously. In case of the death of a member, or of a member's wife, there is a levy in the branch establishment to which he belongs, the payment varying from 18 cents to four cents, according to the number of men employed, and the payments being \$62.50 and \$37.50, respectively. Further, medical attendance is supplied at the cost of the fund. Members do not come into full benefit until they have subscribed for 12 months, reduced benefits upon a graduated scale being paid in case subscription payments have been made for less than 12 months, but for at least 13 weeks. Benefits are not paid if the workman is not working, or has not worked, for the company during the four weeks preceding sickness.

An accident fund was established by mutual agreement between the company and its workmen as a substitute for the Employers' Liability Act of 1880 and the Workmen's Compensation Act of 1897. It was intended to compensate workmen for loss by reason of accident occurring while in the employ of the company, and they are admitted to the benefits of the fund irrespective of the cause of accident, subject to the limitations and conditions specified in the rules. All men in receipt of weekly wages, including all odd or casual men, are invited to contribute to the fund and accept the benefits which it provides in case of accident, in lieu of any claim which they or their representative might otherwise have had against the company under the employers' liability acts previously mentioned. The payment of weekly or monthly subscriptions constitutes acceptance of the conditions and entitles the employé to the benefits of the fund, and becomes a contract between the employer and employé under the provisions of the section of the Workmen's Compensation Act of 1897, which permits such contracts when the fund has been approved by the Registrar General.

The fund is administered by the profit-sharing committee of the company, which consists of 56 members, of whom 18 are workmen elected by ballot and 18 are elected by the board of directors, of whom one is the chairman and is also the chairman of the committee.

The rules provide for proper auditing of the accounts. All money is in charge of the company, and if it is found practicable to make a reserve fund, it is to be invested in the company's ordinary stock, and if such fund exceeds an average year's expenditure, the profit-sharing committee is to consider what shall be done with the excess. The reserve fund is to be used to make good any deficiency in any year and for the general purpose of the accident fund, but should there be no reserve fund, then in the event of a deficiency in any year, the company is to make it good.



The rules provide that the company shall contribute at least twice as much as the workmen. It is to pay quarterly on the maximum number of men, including odd men employed during the quarter, 25 cents for every man whether or not a member of the fund. The experience of the five years preceding the establishment of the fund seemed to show that these payments would be amply sufficient to meet the requirements of the Workmen's Compensation Act of 1897.

Every employé in receipt of weekly wages exceeding \$5.25 a week, including odd men, who accepts the proposal is to pay in advance either one cent per week, or four cents a month or 12 cents a quarter, as may be most convenient. Young men and lads whose wages do not exceed \$5.25 a week are to pay half these amounts and receive half the benefits of full members. Workmen, whether regular or odd men, who do not subscribe to the fund will, in consideration of the company's contribution thereto in their behalf, be paid from the fund what they can obtain and no more under the Workmen's Compensation Act of 1897, without medical attendance and with no undertaking by the company to find employment for them on their recovery. The allowances from the fund, with free medical attendance, are as follows: (A) minor or slight accidents disabling for not less than three days nor more than a fortnight shall entitle members to benefits at the rate of \$3 per week, excepting those men who subscribe an extra six cents per week to the sick fund who shall receive, in addition to the accident allowance, a weekly payment to which the extra six cents entitles them, according to the sick fund rules; (B) serious accidents causing incapacity for more than a fortnight shall entitle members to benefits at the rate of \$4.50 per week; (C) the benefit for accident clearly caused by the negligence of the company, or its officers, shall be \$6 per week; (D) a member whose injuries have been caused by his own "serious and wilful misconduct," whatever may be the period of disablement, shall receive nothing from the accident fund, but will, if a member of the sick fund, receive benefit therefrom according to its rules.

The jury system, adopted in 1892, shall be continued. The class in which any man is to be placed shall, when in doubt, be decided by the jury. In the event of any apparently slight accident put in the minor class and receiving benefit for the first fortnight at the rate of \$3 a week, proving serious, it will be transferred from A to B, and in addition to accident pay, at the rate of \$4.50 a week, will receive towards the deficiency in the first two weeks, an extra 75 cents a week while incapacity continues, but the extra 75 cents a week will in no case be paid for more than four weeks. These payments are to be continued until recovery, or until the doctor certifies that the man is fit for work, or until he is proved to be permanently incapacitated, but to those men injured by their own "serious and wilful misconduct" the company gives no undertaking as to future employment. Work will be found for others at not less than \$6 a week if the wages exceeded that amount, and for those injured by the negligence of the company at no less than four-fifths of the day wages previously received, and in no case less than \$6, if the wages exceeded that amount.

In cases of permanent incapacity to do any work, the profit-sharing committee shall decide what permanent weekly allowance or lump sum shall be paid in addition to any pension from the superannuation fund to which the injured man may be entitled, but the total shall not be less than he could have obtained under the Act of 1897.

In case of fatal accidents, the amounts due at death from the sick and superannuation funds shall be paid, and a pension shall be granted to the widow while leading a respectable life, or until remarriage, when a sum not exceeding \$50 shall be paid her, such pension to be not less than \$2.50 a week, but during the first three years the profit-sharing committee may, according to circumstances, grant any amount not exceeding \$5 per week, which may be reduced gradually to the minimum of \$2.50 at the end of three years, or sooner. If the deceased man was a widower leaving children dependent, or a man leaving other dependent relatives, the profit-sharing committee shall decide what allowance, if any, shall be made, but it shall in no case exceed what would have been given had there been a widow with children.

No claim shall be made on the fund for less than three working days' disablement.

Every workman intending to claim on the fund must give notice, personally or in writing, to the engineer of the station as soon as possible, or at the outside, within three days after the occurrence of the accident. In case of further delay, the sub-committee shall have the option of dating the payment of allowance from such time as they consider fair.

The certificate of any qualified medical man, that the claimant is unable to work by reason of some injury, will, when accompanied by a form of application, be accepted by the sub-committee, but, immediately any claim is formally made, the claimant must undergo examination by the surgeon appointed for the sick fund, who shall also act for this fund, on receipt of an order from the authorized officer at the station. Any one refusing to comply with such order shall have his allowance stopped pending the consideration of the case by the sub-committee.

Every person in receipt of weekly allowance must be under qualified medical attendance during the whole of the time he is receiving such allowance, and if his medical attendant or the



fund doctor, or the visitor, or any member of the fund shall report to the authorized officer at the station neglect of ordinary precautions, such as late hours and exposure, use of intoxicants against doctor's orders, or if the injured person do anything to retard his recovery, or fail to go to work when able to do so, the sub-committee shall have power to stop the further payment of allowance, either wholly or partially, subject to appeal either by the injured workman or the engineer of the station to the profit-sharing committee.

The rules also contain regulations as to persons leaving home while they are receiving allowance from the fund, and as to the supervision of the person on the part of the examining doctor. Before any allowance can be granted for any accident in the fund, it must be proved that it occurred while the person was in the employ of and actually engaged in the work or business of the company, and in case of death or permanent disablement the profit-sharing committee determines the exact allowance which shall be made within the general supervision which governs those subjects as previously cited.

The jury system previously referred to, introduced in 1892, contemplates a jury of 12 workmen whose duty it is to make inquiry within the first fortnight, if possible, into every accident, if the injured man claims accident money, except such trivial cases where the engineer, the member of the sub-committee, and the injured member agree that it would be a waste of time to summon a jury, and in such cases a statement of the case, signed by these three persons, is entered in the accident book. If no claim is made from the fund by a person injured, the engineer of the company's station where the accident occurred is to order an inquiry, if, in his judgment, the circumstances of the case require it, or on the requisition of not less than two profit-sharing workmen.

At the discretion of the engineer, also, an inquiry may be made into any accident that results in the loss of or damage to property.

The rules are explicit as to the manner in which the jury is to be selected and as to the method of conducting inquiries into the accidents, it being the duty of the jury to make such formal inquiry as will arrive at the real cause of the accident, and when they have done so they are, under the rules, to state their honest opinion, not hesitating to say whether any blame attaches to any officer or workman or whether the plant, machinery, or means of protection were defective, where they are satisfied that there has been neglect or carelessness or defect.

The jury is also, in consultation with their president, to decide, when necessary, in which class any injured person is to be placed, and on their decision, which is to be made by ballot and by a two-thirds majority, the workman or the engineer of the station is to have the right of appeal to the chairman of the company, whose decision is to be final.

If, in the opinion of the jury, anything can be done to prevent a similar accident in future, they shall make such recommendation as they may consider necessary.

The inquiry shall take place in public, that is, in the presence of as many of the workmen as can conveniently attend without unduly interfering with their work, and, where practicable, the inquiry shall be held on the spot where the accident happened.

The verdict of the jury shall be posted up in one or more conspicuous places about the works, and a summary of the case and the proceedings thereon, with the verdict and the names of the jurymen, shall be recorded in a book kept at the station for the purpose. A copy of this summary shall also be sent to the secretary of the company, to be laid before the directors.

The Royal Commission on Labor obtained much evidence relating to superannuation and sick funds in connection with railways. The following summary was contained in their report :

The evidence with regard to superannuation and sick funds referred almost exclusively to steam railway employment, except in the case of the North Staffordshire Tramways Sick and Mutual Benefit Society, the Croydon Tramways Sick and Benefit Society, the Birmingham Central Tramways Mutual Benefit Society, and a provident society established by the North Metropolitan Tramways Company, to which it was stated that the companies respectively contributed. Evidence was given with regard to several provident funds in connection with English, Scotch, and Irish railway companies. The Midland Railway Superannuation Fund Association was constituted under the Midland Railway Additional Powers Act, 1867, with the object of providing superannuation and retiring allowances for the clerks and other salaried officers of the Midland Railway Company. In 1885, the actuaries pronounced the fund insolvent. The rules were consequently revised, and the scale of contribution was raised for a certain class of members, with the result that the prosperity of the fund was restored. A

friendly society established by the Caledonian Railway Company, called the Caledonian Servants' Friendly Society, provides sick benefits and certain payments on the death of a member or member's wife. On most of the railways in Ireland, there are provident and sick funds. In the case of the Belfast and Northern Counties Railway, the Dublin, Wicklow, and Wexford Railway, and the Great Southern and Western Railway, the rules of these funds have been furnished to the commission. The Belfast and Northern Counties Railway Provident Society was established in 1861 for securing sick benefits to the members, and a payment to their representatives in case of death. The Dublin, Wicklow, and Wexford Railway Friendly Society was established for the same purpose in 1863. It is stated that the society had always been prosperous, though the directors do not guarantee its solvency. The Great Southern and Western Railway sick fund was established in 1884. A friendly society had formerly existed on that line, which was managed by a committee of the members, and of which membership was not compulsory in all departments of the service. In the year 1882, the society became insolvent, and the accounts were found to be in a state of hopeless confusion. It consequently broke up, with great loss to the contributors. The existing fund was instituted under rules prepared by competent actuaries, and has always been solvent. In the interest of the members, the company assumed the management, and membership was made compulsory in every case. There is also a superannuation fund on this railway for engine drivers and firemen. Similar funds on the Great Northern of Ireland and the Midland Great Western Railways were mentioned. The Engine Drivers' and Firemen's Insurance Society on the Great Western Railway provides sick and superannuation benefits, and pensions for widows; the Midland Railway Friendly Society provides sick and superannuation benefits, and payments on the death of members; and a provident society and pension fund also exists on the Great Eastern Railway. The Midland Great Western Railway Company also had a superannuation fund.

The most usual form of management adopted for these funds is that of a committee appointed jointly by the members and the company. The Midland Railway superannuation fund is administered by a committee of six, of whom three are appointed by the members and three by the directors. One of the nominees of the directors acts as chairman, with a casting vote when required, and thus of seven available votes, four are in the hands of the company. The criticism has been made that the members had practically no power to control the administration of the fund, and were afraid to offer suggestions lest they should appear to be attacking their employers. A fund established and controlled by Government, entirely apart from the employer, was proposed as a preferable arrangement. In the case of the London and Northwestern Railway, the provident society is managed by a committee of 12 delegates of the men, with three nominees of the company, and the regulations are subject to the approval of the directors. It is stated that this plan is found to work perfectly well. The Belfast and Northern Counties Railway Provident Society is managed by a committee and officers appointed at the general meeting, 13 of the members of the committee being elected by a majority vote, and three appointed by the directors. In the case of the Midland Great Western Railway fund, the members were represented on the committee of management. In three cases, those of the friendly societies on the Caledonian, the Dublin, Wicklow, and Wexford, and the Great Eastern Railways, the management is entirely in the hands of the members, who elect the committee and officers. In the case of the Great Northern of Ireland Railway Company's sick fund, and that of the Great Southern and Western Railway Company, the management is entirely in the hands of the directors, who alter the rules at their discretion. The former company has a rule pointing out that continuance in the service will be taken as an assent on the part of the men to any such alteration in the rules. It was stated by the secretary of the Irish branch of the Amalgamated Society of Railway Servants that great dissatisfaction was caused in these cases by the exclusion of the members from any share in the selection of medical officers, or the administration of benefits. With regard to the Great Southern and Western Railway sick fund, it was stated by the company's traffic manager that experience of the opposite system had justified the constitution of the fund in its present form, and that the statement that any strong objection was felt by the members on that score was incorrect.

With regard to the rules and general operation of these funds, complaints were made by witnesses representing the Amalgamated Society of Railway Servants and the General Railway Workers' Union, that the railway companies, as a rule, made membership of these societies a condition of employment, and that contributions were compulsorily deducted from wages. It was stated that men entering the service had no definite notice of these deductions beforehand. It was pointed out that, if this objection were removed, other causes of complaint would have less force, though even then practical compulsion might be brought to bear. It was stated, however, that membership was not compulsory in the case of the Caledonian Servants' Friendly Society, or the Dublin, Wicklow, and Wexford Railway Friendly Society, and the traffic manager of the Great Southern and Western Railway explained that membership of the present sick fund was made compulsory, only because it had been found in the case of the former society that those for whom it was optional did not generally avail themselves of it. It was represented, as a still more serious objection, that men leaving the company's service were expelled from the sick fund without receiving an equivalent for their contributions. In the case of the Midland Railway superannuation fund, it was stated that, according to the preamble of the Act, it was established to provide retiring allowances as well as superannuation benefits, but that, under the rules, any member dismissed from the service for dishonesty, or retiring to avoid such dismissal, forfeits the whole of his contributions. It is contended that the penalty incurred under the common law is sufficient in such a case. Again, a man leaving the service for no reason discreditable to himself, receives, if dismissed, the amount of his contributions with four per cent simple interest, and if leaving voluntarily, the amount of his contributions without interest. It is contended, however, that the whole sum standing to his credit should be paid to him, including the company's contribution, with compound interest for the time of membership. With regard to the funds in connection with Irish railways, a similar complaint was made, but in a general form, as to the rules affecting dismissal and resignation. It was represented that, after contributing for many years, a man might be compelled to leave the society at a period of life when no other society would admit him, and that it was not easy to contribute to another while in the service, partly on account of the rule made by some companies that members of the sick fund shall not belong to another friendly society if the benefits from both exceed their weekly wages. It was contended that the companies should be prohibited by law from leaving such cases unprovided for, and that the partial refunding of contributions did not meet the case. In reply to this evidence, the chairman of the Belfast and Northern Counties Railway Company furnished a written statement, which contained the remark that it was impossible to expect railway companies to adopt the suggestion that men should continue members of provident or sick funds in connection with the companies after leaving their service. It was further pointed out in this statement that according to the rules of the Belfast and Northern Counties Railway Provident Society, any member of six months' standing who leaves the service, unless dismissed for fraud or criminal misconduct, receives on application the amount of his contributions less any benefits paid or subscriptions due, and with a certain further deduction for expenses and risk. A rule to the same effect was said to exist in the case of the Dublin, Wicklow, and Wexford Railway Friendly Society, and the Great Southern and Western Railway sick fund. It was pointed out on the part of the latter company that servants of long standing were not discharged except for very serious offences and after repeated warnings.

Evidence was given with regard to the contributions payable and benefits granted in connection with these societies. It was stated in every case that an annual contribution was made by the company, but in some cases this contribution was regarded by the witnesses as too small in proportion to that of the company's servants. In the case of the Belfast and Northern Counties Railway Provident Society, the company, it is stated, contributes one-fourth of the amount subscribed by the members. In the case of the societies on the Great Southern and Western, the Dublin, Wicklow, and Wexford, and the Midland Great Western Railways, the companies contribute a fixed annual sum, of \$1,500, \$500, and \$1,000, respectively. This last sum was stated to be about one-fifth of the members' contribution. In the three cases previously mentioned, it is stated, in



the rules of the societies, that all fines imposed on the company's servants are to be added to the funds. The different scales of contribution and benefit applying to ordinary members are somewhat various. In the case of the Midland Railway superannuation fund, the subscription of members is limited under the Act to two and one-half per cent on their respective salaries. The higher scale of benefit begins at an allowance of 25 per cent on average salary, after 10 years of contribution to the fund, and rises year by year, reaching a percentage of 67, after 45 years' membership. The lower scale begins at 6.4 per cent on average salary, but after 34 years it coincides with the higher scale. In the case of the Caledonian Servants' Friendly Society, the weekly contribution is six cents, eight cents, or 12 cents, and the corresponding weekly benefit in illness, \$2, \$3, or \$4. In the case of the Belfast and Northern Counties Railway Provident Society, and the Dublin, Wicklow, and Wexford Railway Friendly Society, the entrance fee is about one-tenth of the members' weekly wages, and the subscription, which is monthly in the former case and fortnightly in the latter, is approximately one-twentieth of the same sum. The weekly sick allowance varies in accordance with the scale of contribution from \$1.25 to \$2.50 on the Belfast and Northern Counties, and from 56 cents to \$5 on the Dublin, Wicklow, and Wexford Railway. In the case of the Great Southern and Western Railway sick fund, the weekly contribution varies from four cents for members whose wages are \$2.50 or under, to 16 cents for members receiving more than \$6.25. The weekly sick allowance for the first six months is 24 times the amount of subscription, thus varying from about \$1 to \$4, and for the second six months half these sums. The weekly subscription to the superannuation fund in the locomotive department is 50 cents for engine drivers, and 25 cents or 50 cents for firemen, according to choice. A member leaving the company's service from whatever cause, after less than 10 years' service, is paid the amount of his subscriptions with two and one-half per cent compound interest, but a member leaving the service creditably after 10 years is paid the amount of his subscriptions with four per cent compound interest. After 25 years' service, a member has the option of receiving the sum due to him or the annuity which that sum will purchase. The rules provide for considerably increased payments to members or their representatives in the case of death or disablement in the discharge of duty. In the case of the Midland Great Western Railway sick fund, the subscriptions vary from 13½ cents to 28 cents. The scale of benefit was not fully specified, but it was stated that on the whole the benefits balanced the subscriptions. It was stated before the select committee on Railway Servants that the weekly subscription to the Great Western Railway Engine Drivers' and Firemen's Insurance Society was 43 cents for drivers and 29 cents for firemen, the benefits being a pension of \$2.56 a week, with a bonus at the age of 60, which varies from \$350 to \$500. In the case of the Great Eastern Railway Provident Society, the subscriptions vary from 10 cents to 18 cents a week, and the sick benefits from \$2 to \$4 a week for 20 weeks. Members of the pension fund contribute from four cents to 10 cents a week, and at 65 years of age, after 30 years of membership, are entitled to pensions for life of \$50 to \$125 a year, and to proportionate pensions, if incapacitated between the ages of 55 and 65. The Midland Great Western Railway superannuation fund provides, for members who have not served less than five years, and are incapacitated through accident, infirmity, or age, a gratuity of \$5 on resignation for each year of continuous service.

References to the London and Northwestern Railway Company are omitted from the foregoing, inasmuch as the funds connected with this railway are separately referred to below, from information derived from other sources.

*Fund of the London and Northwestern Railway Company.*—The London and Northwestern Railway Company established, in 1874, a provident society for securing to the staff allowances in case of illness and of payment to their representatives in case of death. In 1883, a pension fund was established by the same company, and after a time the two societies were amalgamated. A pension fund formerly existed in connection with the locomotive department at Crewe, but after going on satisfactorily for five



years it was dissolved by a vote of the men, and the balance in hand was returned to the company and the staff, according to their respective contributions.

The provident society is managed by a committee of 12 delegates of the men with three nominees of the company, and their regulations are subject to the approval of the directors.

Of course, the total amount of contributions made by the company itself to the provident fund fluctuates according to the membership.

The Locomotive Foremen's pension fund was formed in 1889, on the dissolution of the Locomotive Department pension fund, by certain foremen and inspectors paying into it the amounts due to them under the division of property of the older fund, and by the company paying also its corresponding shares.

All persons joining the fund while not over 35 years of age contribute \$1.08 per month, while older men pay double or threefold subscriptions, until they have cleared off the arrears they would otherwise have paid if they had joined at the age of 35. The company pays 18 cents per month for each member paying single subscriptions, and 37 cents and 56 cents, respectively, for those paying double and triple subscriptions. They further make up the total sum per annum to \$1,250 in the aggregate. In addition to this, if it be shown at any future time that the funds are insufficient to meet the pensions, the company will make good the deficiency. The following is the scale of pensions: For those who joined not over 25 years of age, \$6.50 per week; for those who joined over 25 years of age and not over 30 years, \$5.75; for those who joined over 30 years of age, \$5. The qualifying age for claiming a pension is 60 years for those who enter at 35 years of age, and 65 for those who enter at 40 years. In case members leave the company's service before they are eligible for pensions, they still have a claim on the fund. For instance, if after six months' absence from duty they are unable, through failing health or impaired energies, to continue at work, they may receive the whole of their subscriptions, and also the additions paid by the company, as a retiring gratuity. If such a member be of 25 years' standing, he becomes entitled to a reduced pension calculated on the proportion of the length of his service to what it would have been at the qualifying age. Members leaving the company's service, or who are dismissed for any other cause than drunkenness or criminal misconduct, receive back their contributions, less 50 cents per annum for expenses. Misconduct may lead to a loss of claim for any return. This is the case with drunkenness. The penalty seems very severe, and becomes heavier the older a man gets.

The Mutual Insurance Society of the London and Northwestern Railway was intended to provide a sum in case of the death or disablement of a member, supplemented by contributions by the company. The fund was divided into sections, of which the one relating to the running department may be taken as an example. The men are classified under three heads: (1) drivers and assistant foremen; (2) firemen and steam shed mechanics; (3) cleaners and laborers.

The following table shows the schedule of payments to be made, and benefits to be received, by the members in the various classes, as they existed prior to the passage of the Workmen's Compensation Act of 1897:

Class	Call Payments (Monthly)	Occupation	Insurance Payments	Company's Grant	Totals
1	\$0.25	Drivers, . .	\$250.00	\$50.00	\$300.00
2	0.16	Firemen, etc.,	162.50	37.50	200.00
3	0.08	Cleaners, etc.,	75.00	25.00	100.00
1	0.25	Drivers, . .	250.00	250.00	500.00
2	0.16	Firemen, etc.,	162.50	237.50	400.00
3	0.08	Cleaners, etc.,	75.00	125.00	200.00
					} Natural death allowances to members who, after six months' absence from duty, through sickness from natural causes, are struck off the company's register of staff, but subject to the provisions of rules nos. 7 and 14.
1	0.25	Drivers, . .	300.00	-	300.00
2	0.16	Firemen, etc.,	200.00	-	200.00
3	0.08	Cleaners, etc.,	100.00	-	100.00

The accident pay allowed in the several classes was as follows: (1) drivers, \$5.25 per week; (2) firemen, etc., \$3.50 per week; (3) cleaners, etc., \$1.75 per week. The weekly accident pay was limited to 52 weeks. If a man meets with an accident when on duty without fault of his own, and after 52 weeks was still unable to follow any employment the company may be able to offer him, he was paid the allowance provided for fatal accidents. The sums required to meet the demands were not raised by weekly payments, but by levies, varying from six cents to 25 cents, according to the grade of the worker. In this way the results of carelessness were brought home to every man in the department, and the efforts of the management to maintain strict observance of rules was facilitated.

After the passage of the Workmen's Compensation Act of 1897, it became necessary to modify the schedule of payments in order to conform to the requirements of the law. Under the old arrangement, the accident fund, like other similar funds in industrial establishments, took the place of the law, inasmuch as employes were required to accept it instead of the compensation obtainable under the Employers' Liability Act.

When the Workmen's Compensation Act of 1897 was passed, however, the directors of the company decided not to ask the men to become parties to any scheme for contracting out of the Act, resolving to accept their full liability under it. It was stated to the employes that, although the Act imposed a considerable liability on the part of the company and probably involved a heavier payment by them than under the present arrangement, the compensation provided by it fell short in some respects of the benefits the men enjoyed under the accident insurance society, and it was also stated that if the men desired to supplement the provisions of the Act, without in any way diminishing the benefits they would be entitled to under it, by forming a society for the purpose of continuing the allowances the members received under the old organization, and which would not be covered by the Act of 1897, the directors would be willing to help them to carry out such a scheme. As the result of the consideration of this proposition by a committee appointed to draw up a supplementary scheme of insurance to provide benefits not provided by the Act, the following schedule was formulated:

Premiums. First class, six cents a week; second class, four cents; third class, two cents; as under the previous schedule of the society.

Benefits. For the first two weeks of disablement: First class, \$6 a week; second class, \$4; third class, \$2; these benefits being one-seventh more than those paid under the former organization. After the first two weeks of disablement, when compensation under the Act would commence, and not exceeding 52 weeks in all: First class, \$2.25 a week; second class, \$1.50; third class, \$0.75; the weekly allowance together with the amount to which a member would be entitled under the Act not to exceed the sum of his ordinary wages. Allowance in case of death from other cause than accident on duty: First and second class, \$50; third class, \$25.

The company expressed its willingness to contribute to a moderate extent to the fund. It was stated that the formation of a new society on the basis outlined must be dependent on general desire existing on the part of the staff for such a means of making an adequate provision in all cases of accident on duty as heretofore, and an arrangement was made to canvass the opinion of the employes by a ballot. In the interests of the employes, while this ballot was pending, it was shown (1) that the Workmen's Compensation Act did not provide any compensation for accidents resulting in disablement for two weeks or under, and that experience had shown that 54 per cent of the cases would be disposed of within that period; (2) the Act does not provide compensation in any case until after the second week of disablement, and without a scheme of insurance the staff would not be entitled to any payment for the first two weeks; (3) the Act does not provide any payment to representatives of men dying from other causes than accident on duty; (4) the Act only applies to accidents to the company's employes arising out of and in the course of their employment on or in or about the railway or any factory or engineering work carried on or undertaken by the company, and that also, if they rejected the proposed reorganization of the accident insurance society, no provision would exist for the interim covering the time of the accident and the period when relief under the Act would go into operation, and that as under the existing conditions of railway employment they would have little or no voice in the bargaining that is made on their behalf with respect to such conditions.

The ballot resulted favorably for the adoption of the scheme and it is now in force.

We have said that the passage of the English Workmen's Compensation Act of 1897 led to the modification or abandonment of existing accident schemes, and that some of those we have outlined have consequently been changed or given up. The following table, completed to June 30, 1900, summarizes the private schemes for protection against accident, in lieu of the amounts payable under the Act, approved up to that date:

TITLE OF SCHEME.	Nature of Employment	Situation of Works	Number of Work-people Affected
Garforth Colliery Accident Society,	Mining, . . .	Garforth, . . .	750
Lilleshall Collieries Field Club, .	Coal and ironstone mines.	St. George's, . . .	1,359
Forest of Dean Mutual Accident Fund.	Collieries and iron mines.	Forest of Dean, . .	5,500
Forth Banks Works Accident Compensation Fund.	Locomotives, . .	Newcastle-on-Tyne, .	505
Pearson and Knowles' Mutual Accident Insurance Society.	Finished iron and steel manufacturing and engineering.	Warrington, . . .	2,377
St. Peter's Works Accident Compensation Fund.	Marine engineers, .	St. Peter's, Newcastle,	1,498
Hebburn Shipbuilding Yard Accident Compensation Fund.	Shipbuilders, etc., .	Hebburn-on-Tyne, .	1,718
Elwell's Forge Accidental and Superannuation Society.	Manufacturing edge tools, spades, and shovels.	Wednesbury, . . .	162
Rugby Portland Cement Company's Workmen's Insurance Scheme	Portland cement manufacturing.	New Bilton, Rugby, .	288
Pilkington Brothers Sheet Glass Works Accident Fund.	Glass manufacture, .	St. Helen's, . . .	2,810
Morgan Crucible Company, Limited,	Manufacture of crucibles.	Battersea, London, .	339
Bristol Sugar Refining Company's Scheme.	Sugar refining, . .	Bristol, . . .	118
Great Eastern Railway Accident Fund.	Railway service, . .	London, . . .	28,117
Thorncliffe and Rockingham Collieries Scheme.	Coal mining, . . .	Thorncliffe, . . .	3,104
Burnley Miners' Permanent Relief Society.	Collieries, coke ovens, and works.	Burnley, . . .	2,460
New Towneley Workmen's Permanent Relief Society.	Collieries and sanitary pipe and brick works.	Towneley and Portsmouth	663
Rossendale Collieries Workmen's Compensation and Burial Society.	Coal mining, . . .	Rossendale, New-church.	353
Whitwood Collieries' Mutual Accident Fund.	Coal mining, . . .	Whitwood, . . .	3,537
Arscot Collieries Accident Fund, .	Coal mining, . . .	Hanwood, . . .	100
Newbury Workmen's Insurance Fund.	Collieries, quarries, and coke manufacturing.	Coleford, . . .	375
Llay Hall Accident and Superannuation Fund.	Coal mining and brick making.	Gwersyllt, . . .	463
Thornhill Iron and Steel Company, Limited, Accident Fund.	Puddling and iron rolling.	Dewsbury, . . .	160

TITLE OF SCHEME.	Nature of Employment	Situation of Works	Number of Work-people Affected
Salters' Workpeople Compensation Scheme.	General manufacturers in iron and brass.	West Bromwich, .	890
Rugby Portland Cement Company's Workmen's Insurance Scheme (2).	Portland cement manufacturing.	Newbold-on-Avon, Rugby.	143
Oldbury Alkali Works Provident Society.	Manufacturers of chemicals and Portland cement.	Oldbury, . . .	678
London, Brighton, and South Coast Railway Company - Railway Servants' Insurance against Accidents.	Railway service, . .	London, . . .	11,292
Allerton Main Collieries United Accident Fund.	Coal mining, . .	Swillington, . .	1,137
J. & J. Charlesworth's West Yorkshire Collieries, Limited.	Coal mining, . .	Rothwell Haigh, near Leeds.	2,568
South Metropolitan Gas Company's Accident Fund.	Gas manufacture, .	Old Kent-road, Vauxhall, Bankside, Rotherhithe, Greenwich, and East Greenwich.	5,327
Cardiff, Penarth, and Barry Mutual Friendly Society.	-	Cardiff, . . .	336
Stanton Colliery Mutual Accident Relief Society.	Coal mining, . .	Stanton, . . .	678
Forest of Dean Quarrymen's Mutual Accident Fund.	Quarrying, . . .	Forest of Dean, .	300
Cliviger Miners' Relief Society, .	Coal mining, . .	Cliviger, . . .	356
Writhlington, Kilmersdon, Workmen's Mutual Compensation Fund.	Mining, . . .	Writhlington, . .	874
Cannock and Rugeley Colliery Mutual Accident Fund.	Coal mining, . .	Hednesford, . .	2,046
Brereton Collieries Mutual Accident Fund.	Coal mining, . .	Brereton, . . .	850
West Cannock Colliery Mutual Accident Fund.	Coal mining, . .	Hednesford, . .	1,373
Cannock and Leacroft Colliery Mutual Accident Fund.	Coal mining, . .	Leacroft, . . .	374
Fishley Colliery Mutual Accident Fund.	Coal mining, . .	Fishley, . . .	-
Cannock Chase Colliery Mutual Accident Fund.	Coal mining, . .	Chasetown, . . .	2,440
Brownhills Collieries Mutual Accident Fund.	Coal mining, . .	Brownhills, . .	1,246
South Staffordshire and East Worcestershire Mining District Compensation Fund.	Coal mining, . .	South Staffordshire, and East Worcestershire.	8,304
Andrew Knowles and Sons, Limited, Accident Society.	Coal mining, . .	Pendlebury, . .	2,490
Warren Vale Colliery Mutual Accident Society.	Coal mining, . .	Kilnhurst, near Rotherham.	663
Monmouth and South Wales Miners' Permanent Provident Society.	Coal mining, . .	Monmouth and South Wales.	21,718
Stoke Prior Salt Works Accident Society.	Salt making, . .	Stoke Prior, Broms-grove.	450

The total number of schemes shown in the foregoing table in operation June 30, 1900, included in the aggregate 123,289 workpeople, of whom 39,409 were employed on railroads; 17,799 in factories; and 66,081 in quarries and mines. The



only railroads included in these approved accident schemes, as shown by the table, were the Great Eastern and the London, Brighton, and South Coast. The London and Northwestern scheme, previously referred to, not being intended to supersede the Act, did not require registration. The mining industry is, of course, especially liable to accident, and several accident benefit societies in this industry have been in existence for a long time, with great success.

In passing upon the private accident schemes submitted for approval, the attention of the Registrar is devoted to the following two points :

1. Would the employer pay as much under the scheme as he would have to pay under the Act?

2. Would the workman derive as much benefit under the scheme as he would derive under the Act?

As the Act prescribes that no scheme shall "contain an obligation upon the workmen to join it as a condition of their hiring," the question of how many workmen would willingly join it is immaterial. The Chief Registrar reported, after six months experience, that there was shown "on the part of employers who have applied for certificates to schemes, a desire to meet their workmen in the most handsome manner, and on the part of the workmen an excellent feeling of fairness and goodwill." \*

Notwithstanding there is no obligation requiring workmen to come under any approved scheme which operates in lieu of the provisions of the Act, nevertheless, in 33 schemes out of 44 for which the number of employes in the establishments were reported, all the workmen joined. In the remaining 11 schemes, the percentages of the total number who joined were, respectively, 99, 99, 99, 98, 98, 98, 94, 91, 88, 81, and 21. In the 46 approved schemes in operation June 30, 1900, the contributions by the workmen during the preceding year amounted to \$221,855, and the employers contributed \$347,515. The payments on death had been \$65,995; during incapacity, \$261,400; and for other benefits, \$33,690. The number of deaths resulting from injury was 154, and in 108 cases there were 326 dependents, to nearly all of whom pensions were awarded in addition to the sums payable on death.

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\* Data furnished by the Chief Registrar of Friendly Societies.

## SECTION IV.

EMPLOYERS' ACCIDENT AND ANNUITY SCHEMES  
IN FRANCE.

The development of private insurance schemes, established by employers in France, has been made the subject of special investigation by the French Department of Labor. The results much condensed form the basis of this Section. In the main the language of the original reports, freely translated, has been used in our summary, but we have abridged the original, as required by our limitations of space. It should be noted that the French law of December 27, 1895, and the Employers' Liability Law of 1898,\* have perhaps affected the financial status of some of these schemes, as the information was collected prior to their passage, although not reported until 1898. For our purposes, however, this is a matter of no importance. The development of the private funds, and their method of operation prior to the enactment of the laws cited, is shown, the need which led to the passage of the laws made manifest, and the general bearing which the statutes have upon the schemes fully appears. This is all instructive to students of the subject in this country, where such schemes, if they exist, are, as yet, inchoate.

## PENSION SCHEMES.

The investigation related exclusively to pension institutions established by the employers' initiative. It is limited therefore to retirement pensions established by deposits of the employer and the workmen, obligatory or voluntary, under conditions stipulated by the employer, or the directors of the establishment. It consequently disregards (1) the workman who voluntarily holds an individual account in the National Superannuation Fund,† *entirely at his own expense*, which entitles him only to the pension which is thus acquired by his own deposits; and (2) the workman who *voluntarily* joins a mutual retirement pension society in which the employer does not participate.

Retirement pensions for the workmen of an establishment may be established in various manners. They arise chiefly in the three following ways: (1) the employer obliges or induces the workmen to hold an individual account in the National Superannuation Fund; and, in this case, he either enters upon the account deposits which are added to those of the workman, or he pledges himself to increase, from his own contributions, the pension of the latter; (2) the workmen participate in a mutual aid society, approved or authorized,‡ belonging exclusively to the establishment, and maintaining

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\* See page 141.

† National Retirement Pension Fund (*Caisse Nationale des Retraites pour la Vieillesse*). See page 145.

‡ See, for the distinction between approved and authorized societies, page 141.

a retirement pension fund in the *Caisse*. In this case, also, the pensions are paid from the National Superannuation Fund. (3) A retirement pension fund of the establishment administers its own financial affairs and pays pensions directly.

Researches along the line of the investigation were limited to private industry, not including mining enterprises.

The funds due to enterprises of an exclusively commercial character (wholesale and retail houses, commission and brokerage concerns) are not included, inasmuch as their participants could not be considered as belonging to the laboring class, properly so-called.

The results in the field covered may be considered reasonably complete inasmuch as the omissions cannot be numerous or of great importance, and the general trend of the investigation and the results obtained from it are not altered thereby. Indeed, the investigation itself has shown that provident institutions are found exclusively in large establishments, either in those employing a considerable number of workmen, or in those which, although not of great importance numerically, are closely connected with large enterprises having exploitations in various localities, and as these concerns are all well known there is no fear that they have been passed over in the investigation. What may have escaped notice are the establishments in which, although there is no regularly organized retirement pension fund worthy the name, a pension service is maintained for the benefit of some of the aged workmen. Here the absence of all organization of guarantee and title to pensions confers upon these grants only the character of charitable aid. They hardly deserve mention in this connection.

For purposes of analysis, the returns are divided into two groups. The first includes establishments allowing pensions by any title, either directly or through a mutual aid society maintained by the establishment, but not adopting, with regard to the employers' contributions, the system of opening individual accounts in the National Fund. The second includes establishments in which the workmen hold individual accounts in the National Fund showing regular deposits made by the employer in their behalf.

The two principal methods by which service of pensions may be established offer a choice between the creation of a private fund and affiliation of employes in the National Superannuation Fund. By combining sickness insurance with old-age insurance, the private fund may become approved as a mutual aid society and enjoy the advantages which the law reserves for these associations. If the fund is not recognized as a mutual aid society and is not even authorized, it is, nevertheless, subject to the obligations and prescriptions imposed by the law of December 27, 1895, concerning industrial retirement pension or provident funds.

We have distinguished three principal methods of establishing retirement pension funds, to wit: (1) the autonomous fund, (2) the mutual aid society approved or simply authorized, (3) the individual account. This classification is complete, covering every case that can be presented. But it seems more rational in setting forth the results to consider simply the two great groups above mentioned: establishments which maintain their own retirement pension service (either a special fund or through mutual aid societies belonging to the establishment) and those which affiliate their employes with the National Fund. In the first group we find the two types numbered 1 and 2 above. These two types differ only in maintaining, in the approved society, a retirement pension fund provided for by the decree of April 26, 1856, for the purpose of paying pensions through the medium of the National Fund in conformance with said decree; and, in general, in maintaining in the mutual aid society, a service of relief in case of sickness, which is the chief object of the institution, while the pension service is only an accessory. The autonomous retirement pension funds are very often distinct from the relief funds. Almost always where they are found there is a relief pension established for the purpose of allowing aid for short periods. The system of establishing pensions by individual accounts in the National Fund is becoming more and more general, however, because of its advantages. The pensions, in such cases, are subject to the conditions imposed by the National Fund.

Many establishments combine both systems in the sense that at the time of liquidation of the retirement pension they increase the amount of the annuity payable on the individual account. Two cases may then arise: either the deposits made to the National Fund are made exclusively by the workmen and the employers' gifts do not appear

until the time of retirement; or, the employer contributes, from the beginning, to the establishment of a pension by having his deposits entered upon the account of the workman. The first case belongs evidently in the first group which we have considered: establishments having an independent service of retirement pensions; the second case is mixed. We shall place it, however, in the second group, observing that the deposit upon the individual account is not the only contribution of the employer and is afterward increased.

*First Group. — Establishments having a system of pensions for which the firms do not open individual deposits in the National Superannuation Fund.*

*Number of Establishments, Workmen, and Pensioners.*

One hundred and thirty-five distinct establishments, represented by 96 separate firms, are included in the first group, *i.e.*, establishments in which the employer has established a retirement pension fund independent of the National Superannuation Fund, so far as his own contributions are concerned. In many establishments of this group, the workmen also hold individual accounts in the National Fund, either optionally or by obligation, but the deposits made upon their accounts are made entirely by the workmen.

About 86,000 workmen are employed in the establishments of the first group. Of these, only 74,000 participate in the retirement pension institutions, the others being minors or temporary laborers. On January 1, 1895, there were 3,621 pensioners (workmen retired, or the widows of workmen). Of these 2,501 were men, 1,030 women. The 3,621 pensioners represent 4.9 per cent of the total number of participants (about 74,000). This proportion is very small. If we consider the population for a retirement pension institution composed of adults to whom retirement pensions are paid, ordinarily, between 55 and 60 years of age (as is the case here), the laws of mortality show that the theoretical proportion of persons retired when the fund is in full operation ought to be about 22 per cent of the total membership. The proportion of 4.9 per cent is not even one-fourth of this theoretical proportion. This shows, and the investigation verified this in detail, that the greater number of institutions dealt with are of recent establishment.

The number of workmen participating in autonomous funds in each Department of France is only a small fraction of the industrial population. This shows how poorly developed these institutions are at the present time, taking into account the entire population which might participate in them. It should be remembered, however, that a considerable section of the industrial population is found in small establishments. Indeed, the average working force for each establishment subject to factory inspection is only about 10 persons. The small establishments cannot maintain institutions of this nature.

Considering the number of establishments of the first group, the industries appear in the following order:

CLASSIFICATION OF INDUSTRIES.	Percentages of Total Establishments
Metal industries, . . . . .	33
Textile industries, . . . . .	20
Chemical industries, . . . . .	19
Manufacture of glass and pottery, . . . . .	9
Manufacture of paper and paper goods, . . . . .	5
Manufacture of polygraphic instruments, . . . . .	3
Manufacture of clothing, . . . . .	3
Hides and leather, . . . . .	3
Woodworking industries, . . . . .	2
Food preparations, . . . . .	2
Building industries, . . . . .	1
TOTAL, . . . . .	100



The order differs slightly, considering the number of participants instead of the number of establishments.

CLASSIFICATION OF INDUSTRIES.	Percentages of Total Participants
Metal industries, . . . . .	33.0
Textile industries, . . . . .	27.7
Chemical industries, . . . . .	13.1
Manufacture of glass and pottery, . . . . .	11.9
Manufacture of paper and paper goods, . . . . .	5.5
Manufacture of polygraphic instruments, . . . . .	2.4
Food preparations, . . . . .	2.1
Manufacture of clothing, . . . . .	1.4
Woodworking industries, . . . . .	1.1
Hides and leather, . . . . .	1.0
Building industries, . . . . .	0.8
TOTAL, . . . . .	100.0

The two first groups represent 60.7 per cent of the total number of persons affiliated with the funds considered. Chemical industries and the manufacture of glass represent one-fourth. The remainder, or 14.3 per cent, is divided among the various other industries.

In the metal industries, the metallurgic works stand first, with 27 establishments, a total working force of 21,165 persons, and 16,531 participants. All but two of these belong to the ironworking industries, the other two are devoted to zinc working (the company of Vieille-Montagne). If to the 16,531 participants are added the holders of individual accounts (with employers' deposits) belonging also to metallurgic industries and numbering more than 18,000, a total of nearly 35,000 participants results, or 37 per cent of the whole number of workmen, which may be estimated at 95,000 in round numbers. Hence the metallurgic works, possessing the greatest number of retirement pension institutions, stand next to the mines.

This predominance is explained by the relation existing between metallurgic industries and mining industries. Many large enterprises maintain beside forges, blast-furnaces and steel works.

The mining industry has maintained retirement pension funds for a long time. The law of June 29, 1894, only serves to impose uniform and obligatory regulations upon a system already old. The metallurgic works in connection with the mines had been endowed with similar institutions, and hence the practice of granting retirement pensions spread more readily to metallurgic establishments than elsewhere. A proof of this development is the creation, in 1894, of the Employers' Fund of the Ironworkers of France under the auspices of an employers' syndicate called "The Committee of the Ironworkers of France." This collective fund, a detailed account of which will be given later, has, from its beginning, represented 15 establishments, employing about 13,000 workmen. The second place in the same group of metal industries is held by the foundries and large mechanical construction shops. The manufacture of hardware is carried on for the most part by small industries, so that retirement pension funds are not usual.

Following the group of metal industries, the textile industry occupies the next highest rank with regard to the number of participants. Here, also, the large number of establishments favors the development of employers' institutions. The 27 manufactories appearing under this head employ about 23,000 workmen, making an average of 852 workmen per establishment. In this group, as in the preceding, a movement in favor of pensioning workmen has been in progress for several years, being due entirely to the initiative of the employer, and a scheme for a fund analogous to that of the ironworkers is at present in preparation.

Chemical industry and the manufacture of glass represent nearly 10,000 and 9,000 participants, respectively. The figure is relatively high for the chemical industry if we take into account the fact that the number of employés in these works is generally restricted in comparison with that which metal and textile industries require for an equal volume of business. In this group, the production of illuminating gas is included. There are, in all, 26 establishments in the group, but these 26 establishments represent only 12 enterprises, and, consequently, only 12 distinct funds. The Gas Company of Paris, alone, represents 10 establishments. The

glass and pottery industries, with 12 establishments, show only seven distinct funds, the company of Saint-Gobain including five establishments.

In other industries, retirement pension funds are exceptional. We show four establishments for the manufacture of clothing. These four establishments belong to the same enterprise and can be counted for only one retirement pension institution. The building industry is also represented by a single fund, which belongs to an auxiliary industry, a firm of painters. Indeed, the building industries, properly so-called, furnished no returns.

The total number of pensioners at the present time, 3,621, is too small to allow a comparison by groups of industries. More than half the funds have been established so recently as to have produced no great effect.

## The following condensed statements relate to certain features of the schemes :

*Minimum Age of Admission for Pension.* Of 84 funds, only 48, including 94 establishments and 5,378 participants, have fixed a minimum age limit for eligibility to retirement pensions. Where no such limit exists, the retirement pension is generally granted when the employé is unable to continue work on account of invalidity. The most usual age limit was found to be 60 years.

*Minimum Duration of Service.* Upon this point there is great diversity of practice. The funds, which have fixed a minimum period of continuous service, or of membership, as a requisite for obtaining a pension, number 63, covering 61,486 participants. The length of service varies from three to 40 years, the periods usually adopted being 20, 25, and 30 years. The funds not having a minimum period include 12,345 participants. The absence of a fixed period, as also the absence of an age limit, indicates that the benefit is not, strictly speaking, a retirement pension, but rather a grant of aid in sickness or on account of invalidity, the payment of which is subject to the decision of the employer in each special case.

*Basis for fixing Pensions.* Under this head, the funds are separable into two groups: (1) those in which retirement is fixed by definite rules, and (2) those in which the rules leave it undetermined. The first group includes all establishments provided with a genuine organization of regular operation; the second includes establishments in which the pensions are granted in an optional or more or less arbitrary manner, no rule explicitly stating the rights of the workmen. In the first group there are three principal types: (1) pensions dependent on wages; (2) pensions dependent on length of service; (3) uniform retirement pensions dependent neither on wages nor length of service. The returns show that the plan in which the pension is made dependent on length of service is preponderant over all others, 54 per cent of the establishments and 55 per cent of the participants falling into this class. The remaining participants are about equally distributed in the other two sub-groups. Pensions dependent upon wages (the average wages for the last years) characterize schemes in establishments of the first importance, which have imitated the methods prevailing in the great transportation funds. Schemes of this kind cover 11,788 participants. Uniform retirement, without regard to wages or length of service, is at present rudimentary, covering, in the investigation under consideration, only 11,000 participants. Of establishments of the second group, in which the method of awarding the pension is undetermined by fixed rules, there are six establishments in which, nevertheless, the rules provide for the maximum and minimum amounts. This method is found especially in the mutual aid societies. In general, under the rule, pensions are fixed at not less than \$6, nor in any case to exceed 10 times the annual assessments to which the participant is subjected.

*Reversion of the Pension.* The question of the reversion of the pension to the widow or children of the workman is most important. In the greater number of existing institutions, this is disregarded and the workman himself is alone considered. It is clear that the benefits should not be limited to the individual workman, but extend to his dependents in case of death. Reversion has been provided for in only 14 funds covered by the investigation, including 27 establishments and 9,499 participants. Three important funds, representing 6,394 participants, grant reversion, but only optionally, that is, not as a general rule, but when it seems proper to do so.

*Retirement Pensions in Case of Premature Disability.* In case the funds impose no minimum of age or length of service as a condition of receiving the pension, pensions are never granted except in cases of incapacity for labor, resulting either from old age or some infirmity. In the funds in which a minimum length of service is imposed, with or without a minimum age, the rule is always inflexible. The invalid is pensioned only if he has completed the necessary period, unless the incapacity results from accident incidental to his employment, but in establishments having a relief fund independent of the pensions, temporary aid is furnished to

the disabled. The minimum age fixed for the pension is never an absolute bar to a retirement pension in case of disability.

*Contributions of Workmen towards Pensions.* In the establishments covered by the investigation, the funds are for the most part carried on without any reserve from wages. In one concern, a retirement pension is granted only to workmen who have provided for themselves a contingent annuity in the National Fund by investing their own money therein. The workmen in this instance do not, strictly speaking, bear any expense of the fund established by the employer, but they contribute indirectly to the pension which they will ultimately receive. In a certain number of establishments, the employés are indicated as contributing to the retirement pensions, although there is no distinct pension fund, but only a society for mutual aid. In such cases, the employé pays an assessment in exchange for which he is entitled to various allowances established by the rules, such as sickness aid, or mortuary benefits, and, if there is need, retirement pension. Retirement funds of such societies are maintained partly by the surplus receipts from assessments, partly by gifts. In most cases, the surplus from assessments would be insufficient, and the funds are made up by the employers' endowments. It may be said that in societies for mutual aid the assessments of the members, being small, contribute nothing to the retirement funds but are merely sufficient for sickness benefits. Since it is impossible, however, to distinguish the societies in which the assessment is sufficient to create a surplus, we have considered establishments having societies for mutual aid and pension funds to which the workmen contribute as having a pension service partly maintained by the workmen. Only 23 funds, with 24 establishments and 1,200 participants, 27 per cent of the whole number of funds, 18 per cent of the establishments, and 16 per cent of the participants, receive deposits from employés; and yet this number includes the societies for mutual aid for which it is impossible to distinguish between the assessment devoted to sickness benefits and that devoted to pensions, this latter portion being very small. Thus it will be seen that the funds which have been established by the employers' initiative are almost exclusively supported by the employers.

*Contributions of Employers towards Pensions.* In a certain number of funds, the employer reserves each year a fixed part of the profits with no agreement. In a small number, the reserve from profits is fixed by the rules, either at a certain per cent of the profits or by the wages paid to the participants, or a uniform sum per participant. Many establishments which invest the capital of their funds include, also, as their contributions, the interest, almost always at five per cent, accruing by these invested funds. Others limit their allowance to this interest and to fines collected from participants. Finally, in numerous cases, endowments and various gifts form the only capital of the fund, there being no regular annual contributions. The variety of forms assumed by the employers' contributions indicates lack of organization, and reveals the fault of most of the private funds, which are, so to speak, without rational or technical basis and without mathematically calculated reserves. The conditions may be summarized as follows: In funds covering 28 per cent of all the participants, regular contributions established in advance are made by the employers; in funds covering 22 per cent of the participants, the donations are simply "frequent and variable," and some of these are partly supported by assessments of members; in funds covering 46 per cent, the employer has stated simply that he assumes the entire expense of the pensions, making no definite statement as to the methods. These general statements suffice to show how rarely an organization is found which seriously attempts to provide for all contingencies. The most available resources in these funds are donations governed by the degree of prosperity of the establishment.

*The Relation of Retirement Pension Funds to Aid Funds.* The fusion of the pension funds and the aid funds is usual in establishments where the aid fund is administered by a society for mutual aid. When the society is approved, the pensions are paid by the National Fund by means of previous deductions made from the pension fund capital deposited with the *Caisse des Dépôts et Consignations*.<sup>\*</sup> Although the National Fund pays the pensions, the existence of an independent capital gives the society the character of a private institution, and in nearly all such cases a part of the pension is paid directly by the firm. In other establishments, most of them very important, the funds are kept distinct, the aid funds extending the benefit of the pension service to workmen prematurely incapacitated by means of payments in the form of indefinitely renewable aid.

*Financial Organization of Funds of the First Group.* Financial organization of the first group is very difficult to state clearly, being so rudimentary. In the establishments where the employés do not sustain a reserve for retirement pensions, the expense of pensions forms a part of profit sharing, and is so accounted each year, and, very often, there is no reserve fund regularly established and maintained so as to meet, in future, the obligations incurred because of pensions paid or likely to be granted. There is, so to speak, no genuine retirement pension fund having a capital independent of that of the establishment and regularly supported, so that

<sup>\*</sup> See page 149.



the expenses which it will have to meet shall not exceed the resources upon which it depends, with the single exception of the Fund of the Ironworkers Union, whose rules have been prepared with the greatest care and whose rates have been established in accordance with the technical principles of life insurance. In the majority of cases, the heads of concerns have taken it upon themselves to promise pensions proportional to the length of service, without making sure that they will always be able to provide for the expense involved. When they promised to contribute from their own resources by allowances in proportion to wages and invested regularly each year in a special capital, the rate of their investment seems not to have been determined by any technical consideration which should establish a definite equation between resources and expenses. The manufacturers, who have instituted these funds, seem not to have foreseen that the expenses they assumed would continue to grow in proportion as the institution grew old, and that, if, during the first years, somewhat small contributions were entirely sufficient to pay the few pensions then required, it would cease to be so when the number of pensioners reached the highest point. The same criticism may be made, and more strongly, concerning those establishments which make annual grants to their retirement pension funds, these grants being arbitrary or in proportion to the profits realized. In such cases, there is the utmost uncertainty as to the possibility of continuing the pension service with the rates established in the beginning. Finally, in 61 establishments which reported that the employer assumes the entire expense of retirement pensions, these pensions are, manifestly, considered only as sharing of profits reserved, and when the workman has been promised that a pension, determined by certain conditions of age and length of service, will be granted him, this has been done on the supposition exclusively of continued prosperity in the industry and even of further development; and pledges for the future have been made with no other guarantee than that furnished by the immediate present. Certain funds have received somewhat large initial donations, but there is no mathematical relation between these endowments and the probable expense. In no case (exception being made of the Union fund spoken of above), has there been established a pension rate corresponding rationally with the amount of resources of the fund. It is impossible to know, always, whether the pensions promised can be paid. Although often determined by some regulations, they are quite as uncertain as profit sharing itself, a disguised form of which they are.

There remain some funds in connection with mutual aid societies. These societies are not organized according to the scientific principles of the actuary. Their capital for retirement pension is only an uncertain surplus, and the amount of this surplus depends wholly on the liberality of the employers, for the expenses of sickness consume generally more than the assessments of participants produce. They offer, however, greater security because their capital is placed in the Trust Fund and the pensions once paid, before being provided for by a constitutive capital, since they are paid from the National Fund, are never in danger of being reduced, and hence fully insure an allowance. Unfortunately, pensions paid from retirement pension capital are usually small and would be insufficient without the supplementary gift of the employer. But, for this supplementary gift, there is no guarantee.

The lack of financial organization in employers' funds attracted the attention of legislators several years ago. The law of December 27, 1895, had for its chief purpose to shield these institutions from the uncertainties and, if not fully to insure their operation, at least to protect the capital involved from the loss always to be feared in case of the failure or dissolution of a firm.

This law obliges the heads of enterprises to deposit in the *Caisse des Dépôts et Consignations* all sums appropriated for retirement pensions, whether by the employes or by themselves in fulfilment of obligations assumed. Thus the retirement pension capital no longer remains in the hands of the employers. It becomes open to demand and will be divided according to the just claims of participants, in case the establishment ceases for any reason, unless it has been previously deposited in the National Retirement Pension Fund on the individual account of each person having a claim.

In obliging all establishments maintaining a retirement pension fund to set aside these sums and deposit them in the *Caisse des Dépôts et Consignations*, the legislators may have feared checking private initiative and suppressing, by this somewhat severe obligation, institutions well endowed through pure liberality. Therefore the law makes an exception in favor of funds obtaining the sanction of the Government to operate as trade-union or employers' funds. Article 3 of the law provides for these employers' funds and leaves it to an act of public administration to determine the conditions of operation. It subjects them to inspection with regard to finances, and enumerates the uses for which their capital may be employed.

The effect already produced by this law and the consequences to result in future, as regards the development of employers' retirement pension funds, can not yet be determined. The act of public administration was not promulgated until October, 1897, and the law really comes into force at this time. All that can be said is that certain funds have asked sanction as union or employers' funds, and official confirmation of their statutes is under consideration.



*Details of the Principal Retirement Pension Funds of the First Group.*

The following detailed accounts relate to some of the more important funds of the first group. In the first place, the employers' fund of the ironworkers,\* which includes 15 distinct concerns, comprising the leading iron and steel manufactories of the country, will be described. A number of large industrial establishments, whose provident institutions attract special attention, are afterward presented. For each of these, besides the retirement pension funds, other funds or services created for the purpose of bettering the conditions of the workingmen, such as aid funds, savings funds, cheap homes, schools, etc., are described. These notices, with the statistical statements which precede, will give the character of the results obtained by employers' initiative about the time of the promulgation of the law of December 27, 1895. The general form of the analyses is modeled upon the excellent monographs given by M. Cheysson, in his report on employers' institutions, at the International Exposition of 1889.

*Employers' Retirement Pension Fund of the Ironworkers\* of France.*—This institution was established in 1884 by a committee of ironworkers of France in the form of a joint stock company, with a capital of \$50,000, divided into 500 shares of \$100 each. It addressed itself, at first, to the heads of metallurgic concerns desirous of establishing, by their own investment, retirement pensions for their workmen. Then the assembly of shareholders decided that the operations of the fund should extend to other institutions. We reproduce below, *in extenso*, the statutes and by-laws of the organization of the fund.

The fund receives quarterly deposits made by the employer, without reserve on wages, in the name of the employé. The latter is the holder of a book upon which are entered the employers' deposits. The deposits are quarterly. First fixed at one dollar, without regard to the age of the beneficiary, they give each one the right to a pension of 25 cents. The payment of the pension takes place, normally, at the age of 60 years. This limit may be lowered to 55 years in case of premature infirmity involving absolute incapacity for work.

The book becomes the actual property of the workman only when 48 quarterly payments have been made, representing 12 years of participation. However, as a transitory measure, it has been agreed, that the years of labor, with the employer making the deposits, previous to the first payment appearing upon the book, shall count in point of view of the eventual right to retirement pension, the assessments for this period being paid in one sum upon entering. The minimum age of entering is 24 years. The minimum amount of retirement pension is that which corresponds to 12 years of participation, or 48 quarterly assessments. It is equal, consequently, to 25 cents  $\times$  48, or \$12. The maximum retirement pension corresponds to uninterrupted participation from 24 years of age to 60 years. It equals, consequently, 25 cents  $\times$  144, or \$36.

The payments are entered upon the book by affixing pension stamps which are delivered by the fund to the employers depositing, to be dated and cancelled by them.

The uniform figure of one dollar for quarterly assessment was adopted to simplify operations. Investigations had shown that this figure represents with sufficient exactness the average premium that may be demanded of members from 24 to 60 years of age, in order to establish at 60 years an annual income of 25 cents, in accordance with the principle of insurance. In other

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\* The Comité des Forges de France.

words, the total reserve formed by capitalizing all the payments of one dollar made between 24 and 60 years of age is virtually equal to the reserve necessary to establish, for the benefit of those retiring at 60 years of age, a pension equal to the average pension which statistics provide for. However, this principle of assessment independent of age and the proportional retirement pension is dangerous, for it necessitates that the proportion, according to ages of the population insured, shall agree with the computations of the actuary. Indeed, the figure of one dollar is too high for the younger members and it is likewise too low for the older ones. Consulting the premium list of the National Superannuation Fund with regard to this, it is seen that, in order to obtain 25 cents income at 60 years, it is necessary at 24 years to pay a premium of 50 cents, while if the payment is made at 59 years, the premium reaches \$2.53. According to the same list, the premium of one dollar corresponds with the age of 40 years. It is admitted then, that the average age of persons insured should be about 40 years, and this should remain always at about this figure. Now this is not the fact, for, because of the transitory measures permitting older employés to obtain the retirement pension before 12 years of actual participation, the fund enrolled, during the first months, a number of persons at ages greater than that which, by a division according to ages, following the law of mortality, may appear in a population having an average age of 40 years.

If the principle of proportional retirement pension and uniform assessment may be applied without danger in cases of obligatory insurance extended to the total population of a country, or of a numerous class, in which assessment according to age is not susceptible of appreciable variations, this could not be done for insurance embracing membership subject to greater or less fluctuations.

Thus the administrative council of the fund was obliged to abandon, finally, this very simple system of one dollar assessments, giving, for all ages, the right of 25 cents retirement pension at 60 years of age. For a free retirement pension fund, there are only two rational systems: uniform assessment giving the right to a retirement pension whose amount varies according to the age at which the payments have been made; or, assessment increasing with age, giving the right to a uniform retirement pension. The fixed retirement pension of 25 cents has been maintained. In 1896, the following rate of assessment was fixed by the General Assembly: For workmen from 24 to 29 years of age, 65 cents; from 30 to 35 years, 95 cents; from 36 to 41 years, \$1.10; from 42 to 47 years, \$1.35; from 48 to 53 years, \$1.80; and from 54 to 59 years, \$2.45.

These figures represent, in each group of ages, the single average premiums necessary to obtain a yearly income of 25 cents at 60 years of age, taking account of mortality, of the interest on capitalization (three and one-half per cent), and of the probable liquidations.

The by-laws stipulate that the maximum retirement pension of \$36 shall be increased by \$4, and consequently amount to \$40 for each workman who shall have worked 36 consecutive years in the same establishment. Now a very considerable number of employés, having appeared to have the right to benefit by this increase, forming an excess of expenses greater than the supplement provided for this service, the General Assembly discontinued this arrangement in 1896.

Calculations have been made upon the hypothesis of an average revenue from funds equal to four per cent. The law of December 28, 1895, relative to employers' funds, authorizes only the employment of funds producing at most three and one-half per cent. Thus the new rate mentioned above was calculated upon the hypothesis of interest equal to three and one-half per cent only. The fund began to operate in October, 1894.

*The Joint Stock Company of Vieille-Montagne (Zinc Workers).* — The company of Vieille-Montagne, established in 1837, in the form of a joint stock company for the extraction and working of zinc, exploits 25 establishments scattered through Belgium, France, Algeria, Germany, Sweden, Spain, and Sardinia. Of 7,000 workmen employed by it, more than 1,300 are employed in the 11 establishments in France and Algeria. Each workman, or clerk, in the service of the company receives, beside his wages, which constitute the fixed part of his remuneration, a variable premium, the amount of which may be calculated from day to day, and is proportioned, sometimes according to the product of minerals, sometimes according to economy of raw materials, sometimes by the amount produced in a given time. Half of the premium is paid each fortnight or each month to the workman, the remainder is placed to his account to be balanced at the end of the year, or paid, in case of death, to his heirs. The Vieille-Montagne has founded various relief and provident institutions.

Since 1847, it has maintained especially a relief fund and a retirement pension fund called the Provident Fund. The relief fund assures workmen, by a reserve of three per cent on their

wages, free medical aid, indemnity in case of sickness, contribution toward funeral expenses, and temporary aid for their widows, children, and parents. The Provident Fund assures life pensions to workmen becoming incapacitated for labor as a consequence of sickness or old age, after 15 years of uninterrupted service. If the disability is total, or if the workman has received serious injuries in the discharge of his duties, the pension is assured him without regard to the length of service.

This pension is fixed at one-fifth of the highest salary which the workman has received (20 cents maximum and 10 cents minimum) plus one-fifth of a cent per day for each year of service beyond 15 years; two-fifths beyond the twenty-fifth year; and three-fifths after 36 years.

Thus a workman, having earned 80 cents per day and worked 25 years, will receive \$54 annual pension.

Since 1875, the fund has been maintained exclusively by the company. The latter bears the cost of it as a part of its general expenses and maintains the interests and rights of persons retired against all contingencies, by a liberal endowment.

The aid and provident funds are administered in common by the same mixed commissions formed from delegates from the workmen and representatives of the company.

In 1877, the company established a life insurance fund for its technical and administrative personnel, for whom this established a sort of patrimony. Each clerk pays three per cent of his fixed salary; the company holds this at four per cent interest. The insured capital of each one is proportional to the total four per cent payments on the one hand, and to the age of the associate on the other. Every five years, after the balance sheet has been drawn up, half the actual profits of operation are divided among the associates, the other half deposited as a reserve fund. Despite the fact that participation in this fund is optional for old clerks, there are very few withdrawals,

*House of Chappée and Son (Foundry and Mechanical Construction).* — This concern employs about 1,000 workmen almost equally divided between the two works, at Antoigné (Sarthe) and Port-Brillet (Mayenne). It has established in their behalf a medical fund, a savings fund, and a retirement pension fund common to the two establishments, and working along parallel lines in two distinct mutual aid societies established by the workmen.

All workmen who cannot or do not wish to participate in these aid societies are enrolled by the office in the medical fund of the concern, averaging a reserve of 13 cents of their wages for each four weeks. They receive free medical attendance and medicines in case of injury or sickness. Obligatory enrollment in this fund was established by vote of the workmen themselves.

Since May, 1891, the concern has insured to each workman holding an account in the savings fund of Mans and paying thereon \$6 yearly (or 50 cents per month), a supplementary account of equal amount. The workman thus establishes for himself an investment of \$12 yearly.

When the sums thus invested, with the interest produced, form a capital of \$200 the operation ends. The workman then receives his two accounts. At any time, however, the beneficiary has the right to stop depositing, but he can, in this case, withdraw only the amounts deposited by himself.

Since May 15, 1884, the house of Chappée has included in its general expenses sums necessary to pay retirement pensions granted by it to its workmen who have reached 60 years of age and have given at least 20 years of continuous service. It reserves nothing from their wages.

The pension for workmen having worked at least 20 years is \$30 yearly; for those having worked 30 years, \$73; between 20 and 30 years, the retirement pension is proportional to the years of service. The house grants also variable aid to those who, because of infirmities, cease work before the required age.

*The Sons of Peugeot Brothers (Manufacturers of Hardware, Carriages, etc.).* — This concern employs in its two factories at Valentigney-Beaulieu and Terre-Blanche (Doubs) about 2,300 workmen and clerks.

It has established for their benefit two mutual aid societies, a retirement pension fund, an accident insurance fund, and has encouraged the formation of co-operative societies and mutual death benefit funds. It is working upon the problem of providing homes for workmen.

The two mutual aid societies, founded in 1853, became approved in 1876. Although distinct in administration, they have the same statutes and the same resources. They provide free medical aid and medicines for members and their families, allow them sick benefits, and aid in case of death. Since January 1, 1876, they have paid superannuation pensions from a special



fund maintained by annual grants from the concern serving both societies. The entrance fee is fixed as follows: For married men of 30 years or under, \$1; for married or unmarried men, from 30 to 40 years, \$2; for married or unmarried men, 40 years or over, \$4; up to 30 years of age, unmarried men pay no fee. The assessments are as follows: For men of 20 years, or more, 30 cents per month; for children, youths under 20 years, and women, 15 cents per month.

The fund receives, aside from these sums, an annual grant from the concern equaling one-third of the total amount of assessments paid by members. It is increased by the interest on funds invested, by fines imposed, by annual grants from the heads of concerns, from the State, from the Department or the Commune and by special gifts and legacies. Sick benefits are fixed as follows: For men above 20 years of age, 30 cents per day; for boys under 20 years and for girls, 15 cents per day. This aid, in the society at Terre-Blanche, has been, since 1892, 40 cents and 20 cents, respectively. The indemnity is paid during one year. After this period, the administrative council determines whether it shall be continued, or whether the society shall grant the sum of \$60 yearly, which is allowed by statute to infirm and incurable persons. In case of death, the society allows \$8 funeral benefits.

In order to complete the work of the mutual aid societies, and to ensure retirement pensions to its old clerks and workmen, the concern, since 1872, has set aside each year a certain sum from its profits, creating thereby a retirement pension fund which it assigned, January 1, 1876, to the two societies. This fund is maintained: (1) by the sum of \$10,000 appropriated by the employers, the interest of which is devoted especially to pensions; (2) by annual grants from the employers; (3) by amounts deducted by the societies from their own receipts; (4) by grants from other persons, from the State, and by gifts and legacies.

The funds are paid in part to the *Caisse des Dépôts et Consignations* and form a retirement pension fund providing fixed pensions (\$36) to assigns, in the form of annuities. The surplus of sums available is deposited, part with the *Caisse* to form a reserve, and part in the hands of the concern. The interest is applied to provide supplementary pensions, the amount of which is fixed each year by the General Assembly, in accordance with the resources of the fund.

By the terms of Article 39 of the statutes, the rate of pensions paid both by the retirement pension fund and from the income of the reserves is fixed at \$100 yearly. Each member of 50 years of age and having served 30 years is entitled to this pension. The pensions are established by reserve capital and are available to all assigns whether they continue to work or not. On January 1, 1876, the capital allowed a pension of \$36. Ten years later this was increased to \$60. On December 1, 1888, it was raised to \$66 (\$36 from retirement pension fund and \$30 from reserve). This should be raised eventually to \$100, according as the condition of the fund will permit. The fund allows, also, from its reserve funds, aid to widows and orphans (less than 14 years of age) of members dying as the result of accidents sustained in the discharge of duties (the widows' aid not to surpass one-half the total amount of the two cumulative pensions).

Two mutual death benefit societies are in operation along parallel lines in the three factories, one established at Valentigney-Beaulieu, in 1890, the other at Terre-Blanche, in 1892. They are managed by the administrative council of the relief societies.

The assessments vary, according to the establishment, from 10 cents for men, or five cents for women and children, to 20 cents and 10 cents. In case of the death of a member, the fund pays to the heirs a benefit varying from \$80 for men and \$40 for women (Valentigney) to \$140 and \$70 (Terre-Blanche). The rate of assessment and the amount of indemnity are calculated on the basis of the average death rate in the works, since 1876. They allow for the establishment of a reserve fund in each society.

On January 1, 1892, the firm established a special accident insurance fund by the aid of annual payments calculated at the rate of one-half per cent of profits in the three factories.

*The House of Deberny (Type Founders).*—All provident institutions of the house of Deberny are maintained by a special fund, called the Shop Fund, established in 1848, maintained by a reserve of two per cent on wages, and by a share of the yearly profits reserved for the workmen. This fund is administered by a council composed of members appointed by the directors and members elected periodically by the workmen.

In order to participate in the fund, one must have worked 180 days with the firm. The men must have attained the age of 18 years, and must earn at least 80 cents daily. Women must be 16 years of age and have a minimum daily wage of 40 cents. The fund comprises a reserve fund providing retirement pensions in cases where the quota fund may be less than \$10,000, or in case of liquidation, and a quota fund in which the non-retired workmen have common and lifelong interest. The amount of this reserve is determined each year by the administrative council. The quotas appropriated for the workmen are fixed in the following manner each year:

One-half the assets diminished by the amount of the reserve fund is divided proportionally according to the days worked (the day for women counting for three-fifths of the day for men),



the other half is divided proportionally according to wages. The days worked and wages are reckoned from entrance to the shop. The quotas remain in the fund in the name of each person, and serve for the payment of sick benefits and of loans. In case of death or of leaving the shop, the fund has two years in which to pay back the quotas.

The fund loans to its members, at three per cent yearly interest, one-half or three-fourths of their quotas, according as they have been in the shop more than 900 or more than 2,000 days. These loans are payable fortnightly, and the interest is paid to the common fund.

Aid granted to members in case of sickness varies from 40 cents to 50 cents per day for men, and 20 cents to 23 cents for women, according as they have worked from 900 to 2,000 days or more than 2,000. A supplementary grant is made of one-half cent per \$20 of quotas in the fund, above \$80 for men and \$40 for women. The fund bears a portion of the burial expenses of its members and their wives or husbands.

The system of pensions paid by the Shop Fund is most interesting. It comprises, beside retirement pensions and temporary aid, so-called partial pensions for workmen still employed, and widows' pensions. The partial pensions are calculated each year and may be reduced for the purpose of hastening the establishment of a reserve fund to ensure retirement pensions. They are available for workmen having worked 7,500 days, and for women having worked 6,200 days. From 50 to 55 years of age, this pension equals one-fifth of the full pension reckoned as shown below. Beyond 55 years, it is one-third of the full pension during four years, then one-half during four more years, then three-quarters. Beyond 60 years, men having worked 6,000 days and women 5,000 days are entitled to a partial pension equal to one-third of the full pension for four years; then one-half during four more years, then three-quarters for the remaining time.

Retirement pensions equal to full pensions are available after 55 years to men having worked 7,500 days and women 6,200 days, and beyond 60 years to men or women having worked 6,000 or 5,000 days, respectively. All persons receiving a retirement pension forfeit the right to sick benefits. This pension is fixed when the quota fund is more than \$10,000. The temporary aid, the rate for which is fixed in each case by the council, is granted on account of incapacity or extended sickness to members having worked 1,800 days.

Pensions are available to the widows of members entitled to the full pension, varying from  $\frac{1}{20}$  to  $\frac{3}{20}$  of this pension, according as the beneficiary had been married 10 or 30 years, with an increase of  $\frac{1}{20}$  for each period of five years. The full pensions served on the basis of the preceding are calculated as follows: One cent per day's work for men, and three-fifths of a cent for women; one per cent of wages for employees of either sex. These sums are increased by one per cent on \$200 reserve when the quota fund is greater than \$10,000 (up to the amount of \$10,000), or diminished by two per cent on \$200 of the difference when the fund is less than \$10,000.

*The Gas Company of Paris (Manufacturers of Illuminating Gas and of Coal-Tar Products).*—The Gas Company of Paris established a relief fund, two retirement pension funds, and a savings fund. The relief fund is available to the entire personnel, clerks, agents, and workmen. It is maintained by payments made by the company, and by the beneficiaries. On the other hand, the retirement pension funds are operated separately for clerks and for workmen; both are maintained by the company alone.

The relief fund ensures medical aid to clerks and workmen injured or sick, and a benefit during the time of sickness. It provides for funeral expenses and, temporarily, in certain cases, aids the widows and children of the deceased.

The resources of the fund are: (1) the amount of reserves from salaries and wages of clerks and workmen, together with reserve upon the shares of the administration of the company; (2) a grant from the society; (3) the income from fines. The reserve is fixed at one per cent of wages. The grant of the company equals the amount of the reserve. In case the receipts are insufficient, the excess of expense is borne entirely by the company.

Benefits granted by the fund equal one-half the salary or wages. They are allowed during two months, except in special cases investigated by the administrative council. If incapacity for labor, caused by sickness, becomes permanent, an indemnity independent of the relief mentioned above may be granted to clerks or workmen, but in no case can this exceed the amount of reserves or the corresponding payments made by the company. If the incapacity arises from sickness or injury sustained in the service of the company, the council may award permanent aid. The fund allows the widow and unmarried children of the deceased aid equal to two months' salary or wages. This aid may, in certain cases, be increased or extended to older children or married minors. The administration of the fund is carried on by a commission composed of four representatives of the company and four workmen chosen from the different branches of service.

The retirement pension fund for the regular personnel (clerks and agents) was established as the result of a resolution of the General Assembly on March 26, 1859, modified by resolutions of March 23, 1875, and March 29, 1894. In 1896, it paid the pensioners \$75,869, not including about \$14,000 pensions and renewable aid granted to old clerks and workmen who had left the service before January 1, 1881, the time appointed for the beginning of the operations of the fund.

The retirement pension fund for workmen was established in pursuance of the deliberation of March 29, 1893. In accordance with this deliberation, retirement funds, granted up to the present time or to be granted up to December 31, 1905, should be charged to improvement, and the sum of \$16,000 is paid each year by the company to establish a reserve by which retirement pensions shall be assured after 1905. On April 23, 1892, the administrative council adopted an order of service which establishes the amount of and conditions for obtaining grants made since the establishment of the company, under the name of renewable aid, to workmen incapacitated for labor, and provides for the continuation of payments of pensions granted, or to be granted, after December 31, 1905.

*House of A. Lefranc (Manufacturers of Paints, Varnish, and Printers' Ink).*— Beside a mutual aid society, established on June 29, 1882, there has existed, since 1881, in the house of Lefranc, a provident fund ensuring to old or infirm clerks and workmen a small income resulting from the investment of their shares of the profits of the business.

The mutual aid society, of which all clerks and workmen in the factory are members, is maintained by assessments of charter and honorary members, and by a reserve of 30 cents monthly from the wages of all participating members. The participating members must have worked two months at least before they are entitled to relief. In case of sickness, they receive a grant of 40 cents per day during six months, if their wages are not less than four cents per hour, otherwise the aid is reduced to 20 cents per day. At the end of six months, the member forfeits his right to further aid from the fund until he has worked another period of two months. The sums allowed are paid each Sunday at the home of the beneficiary by the visitors. Benefits begin from the date of postage of the letter in which the member presents his claim. No sick benefits are paid in cases losing less than three days.

The visitors are appointed by the commissioner for a period of two weeks. It is their duty to visit the homes of the claimants within 24 hours after notification, to return at least twice during the week, to inquire into the nature of the sickness and its cause, to obtain a physician's certificate of the condition of the claimant.

All participating members, leaving the factory after 20 consecutive years of service and after 45 years of age, may still receive benefits by paying in advance a monthly assessment of 40 cents. In case the assessments are in arrears, the name will be dropped after due notification. The society is administered by a board of seven members, one-third of whom are appointed each year, the director of the factory being president ex-officio of the board. He receives the moneys held by the fund and pays five per cent yearly interest upon them.

The house of Lefranc does not provide for its clerks and workmen retirement pensions, properly so-called. It pays only to those among them who have fulfilled certain conditions, at the time when they reach the age fixed for retirement, a sum which is provided for them by reserves made annually from the net profits of the business. For this purpose a provident fund was established, in 1881, by a donation of \$1,000, maintained by variable annual donations.

Participants are entitled to the benefits of the fund only when the maximum service is 20 years and maximum earnings \$500. Each participant receives a book upon which is entered each year the sum assigned to him at the time of division of profits, in proportion to the number of years of service and the amount of wages which he has received during the preceding year. All individual accounts bear interest fixed at present at four per cent, which is added to the capital. This rate of interest may be changed by the firm but cannot be less than that paid by the Savings Bank of Paris.

A previous deduction of five per cent is made upon all grants to the fund for the purpose of establishing a special fund with which to provide relief which the firm may see fit to grant to clerks or workmen, whether participating or not, in special circumstances. This deduction ceases to be made when the relief fund amounts to \$400.

When a clerk reaches 45 years of age with 20 years of service, or 60 years of age after at least 10 years of service, his right in the fund ceases to be conditional. His account may be paid upon demand. He may request, at his own option, that the sum payable to him shall serve for the establishment for him of a contingent annuity in an insurance company which may or may not revert to his wife or other assigns, or in the National Superannuation Fund, or it may procure for him railroad stocks or bonds. The employer is sole judge of the circumstances under which he may consent to make other employment of the money, especially cash payment.

The account of a workman always reverts, in case of death, in its entirety, to his widow, children, or direct heirs. If the workman is incapacitated for labor before acquiring full rights in the fund, the employer may place at his disposal in whole or in part the sums credited to him. In case of resignation, discharge, or death of a member, except when there are no heirs, or in special cases provided for, the sum credited to his personal account is divided among the other participants, in proportion to their years of service or their wages. In all cases, the sums to be paid, either in interest or as contingent annuities for members or their assigns, are granted as bounty and as such are untransferable and not distrainable. The provident fund has been in existence too short a time to have served regular retirement pensions. One workman, having been a member for only 12 years and forced to retire because of infirmities, has received \$1,160 in cash. All employés of the house of Lefranc, 32 women and girls and 100 men, are participants in the mutual aid fund and the provident fund.

*The Joint Stock Company of Saint-Gobain (Manufacturers of Plate Glass and Chemical Products).* — The Company of Saint-Gobain owns, at the present time, in France, nine manufactories of plate glass and chemical products, employing about 5,000 clerks and workmen. From the earliest years of its establishment, it has granted retirement pensions to its employés when they became too old for work. This institution is, at present, maintained in the following form in all its establishments:

The clerks and workmen, who, because of age or infirmities contracted in the service of the company, are unable to work, receive a retirement pension, the amount of which is fixed according to the rules given below and established by the administrative council. The council takes into account the rate of wages, the age and years of service, and also special circumstances. The amount of the retirement pension varies from one-fifth to one-quarter of the salary. After the death of the beneficiary, a part of the pension, determined by the council, reverts to his widow or minor children.

To improve the condition of workmen attaining the age of retirement, and to encourage saving, the company requires them to pay to the National Superannuation Fund from one and one-half to three per cent of their wages. It transacts this business for the workmen without expense. The workmen, however, retain always their title to the funds invested for them and entered upon their accounts. The sums thus invested in the National Fund form a general reserve capital. The income produced at the time of payment, ordinarily fixed at 55 years of age, is added to the donations made by the company, and upon the death of the beneficiary the assigns receive the full capital.

At Montluçon, the company maintains a sick benefit fund, established in 1864, maintained by the payment of one and one-half per cent of wages, and administered by the employés under the guidance of the director of the factory. The company makes an annual grant of \$200, and pays five per cent interest on sums deposited with it.

*The Glass Works of Vierzon (Manufacturers of Glass for Bottles).* — The retirement pension fund of the Glass Works of Vierzon is maintained entirely by the company through the payment of 10 per cent of the net annual profits. All workmen and clerks in the glass works are participants in the fund.

The institution is administered by a council of seven workmen chosen each year by their associates. To be entitled to retirement pension, men must have attained 55 years of age and have served 25 years; for women, the limits are 50 years of age and 20 years of service. An exception is made in favor of cutters, who may be pensioned after 50 years of age. Below these limits of age and service, the council may award retirement pension to workmen becoming totally or partially incapacitated for labor.

At the close of each year, reserves are invested either with the Savings Bank or in real or personal estate. During the year the available sums remain in the fund of the establishment at four per cent interest. In case the resources of the fund, at the close of the year, prove insufficient for the payment of donations, the company will provide for their payment during three months. The General Assembly will then decide either upon reduction of pensions or levying of an assessment. If the glass works should be closed, the fund would be liquidated and discontinued. The moneys would be divided among the pensioners at so much per franc of pension allowed to each up to six times their annual pension. If an excess still remained, this would be distributed on the same principle among the members fulfilling the conditions for receiving pensions who have not yet obtained or demanded their retirement.

*Joint Stock Crystal Glass Company of Baccarat (Manufacturers of Crystal Glass).* — Since 1835, each class of workmen employed in the crystal glass works (glass workers, cutters, and engravers, and other workmen) has maintained a provident fund to aid the



sick and orphans. Participation in these funds is obligatory for men; women cannot be enrolled. These funds are administered by a council composed of the director and sub-director of the glass works, the general accountant, the overseer of the factory, and eight workmen appointed by their associates.

The glass makers' fund is maintained by a deposit equal to two per cent of the pay roll made by the company, and by a reserve of one per cent of the wages of the workmen. The funds of the cutters and other workmen receive from participants assessments equal to two per cent of their wages for the former and one and one-half per cent for the latter. Beside this, the company has for several years allowed one-quarter per cent to the cutters' fund in addition to the two per cent. These differences are justified by usage, and by the risk of sickness incurred by the workmen. The minimum benefits guaranteed to each one are one and one-half or two-thirds of the fixed wages according to the prosperity of the fund. Orphans receive from one dollar to \$1.40 per month up to the age of 13 years for boys and 15 years for girls.

While the provident institutions receive both assessments from the workmen and grants from the company, the retirement pension funds are supported entirely by the company. The amounts allowed for this vary according to the class of workmen for whom they are appropriated, as follows: Two and one-half per cent of the wages for glass makers; two and one-quarter per cent of the wages for cutters and engravers; and one and three-quarters per cent of the wages for other workmen. These funds are administered by the same boards as the provident funds. The moneys are held by the company which pays five per cent interest upon them.

Each workman 50 years of age or over, who has served 20 consecutive years at least, may receive retirement pension if he is recognized as unfit for further service. One, who before attaining the age limit, shall have served the necessary number of years and is threatened with total incapacity, may be retired upon recommendation of the director. The same is true for one who, after 10 years of service, becomes incapacitated for labor as the result of an accident sustained in the service of the company.

Pensions are regulated upon the basis of one-third of the fixed wages up to the amount of \$18 wages monthly, and, in addition, for those who receive more than \$18, one-fifth of the excess. These pensions may be increased by one-tenth after 25 years of service and by two-tenths after 30 years. The pension for men cannot be less than \$5 nor more than \$10.40 per month; that for women is fixed uniformly at \$4. The total amount of pensions allowed must not exceed the resources for a month, as shown by the average of the two preceding years. If several workmen are entitled to retirement and the above limit does not permit the pensions to be granted to all, the preference is given to the oldest workmen, or those who have been longest in the employ of the company. The company reserves the right to suspend these payments, in case the accumulated interest of the capital of the fund shall have been sufficient during three successive years for the payment of all pensions granted.

*The Plate and Special Glass Company of Jeumont and Recquignies (Glass Works and Plate Glass Manufactory).*—All workmen in the service of the Plate and Special Glass Company of Recquignies are expected to contribute by a reserve of two per cent of their wages to the maintenance of the sick benefit fund of the establishment. If these reserves are insufficient to cover the expenses, the company supplies the deficit. The retirement pension fund is maintained wholly by the contributions of the employers.

In case of sickness necessitating the loss of more than three days of labor, the workman receives, during three consecutive months, aid of 30 cents daily, if he earns 65 cents, and 20 cents if his wages are less than this amount. At the end of three months, aid ceases until he has worked a new period of two consecutive months.

In case of injury sustained while at work, the workman receives half his wages. A grant of 30 cents per day is made to each workman drawn for military service during a period of instruction. The company insures all its employes against accidents sustained in its service.

The provident fund, under the direction of the administrative council, grants annual aid, always revocable, to clerks and workmen counting 30 years of service in the establishment; the former must be 60 years of age, at least, and the latter 55. The company bears all the expenses of this institution. The amount of relief is calculated as follows: Three-tenths of the average wages for the six last years for 30 to 35 years of service; two-fifths of the average wages for 30 to 40 years; and half for more than 40 years of service. The minimum benefit is fixed at \$60 yearly, and the maximum at \$120 for workmen and overseers. For clerks, these limits are, respectively, \$160 and \$200. In case an agent becomes unable to continue his work because of sickness or old age, the council holds the right to decide whether an annual grant shall be made him, when he has not completed the required years of service. By the terms of Article 8 of the statutes, the benefits of the institution are forfeited by sentence of fine or imprisonment for criminal or other offence, or by the fact that the pensioner resumes labor.



*The Crockery Manufactory of Keller and Guérin (Manufacturers of Crockery).*—Since January 1, 1880, there has existed in the crockery manufactory of Keller and Guérin, a mutual aid society which, beside furnishing relief in case of sickness, accident, or death, offers aid, also, to orphans, and ensures retirement pensions to those of its members enrolled for a given length of time.

All clerks and workmen of this company, of both sexes, are members of the society. Exception is made in the case of apprentices earning less than 20 cents daily and workmen who enter the employ of the company after 45 years of age, or who are afflicted with serious infirmities. The employés are divided into two sections. The first includes workmen entering the factory 10 years previous to January 1, 1880, and all those admitted to the society before the age of 40 years; the second includes all members admitted after the age of 40 years. The accounts of the two sections are entirely distinct, the fund of each having its own resources. All members enrolled are entitled to the various benefits of the society except, however, retirement pensions, which are reserved for members of the first section, except in special cases authorized by the administrative council.

The resources of the society arise from assessments of the members, and a sum, equal to the total amount of assessments, granted by the company; from fines for breaking of rules; and from gifts. The assessment of members is weekly. It is paid from entrance to the factory. However, if, after medical examination passed within the first six months' presence in the factory, the workman is not admitted to the society, his assessments are paid back to him.

The members are divided into five classes according to their wages. They pay each week, according to their class:

First class, wages above \$1, ten cents; second class, between \$1 and 80 cents, eight cents; third class, between 80 cents and 60 cents, six cents; fourth class, between 60 cents and 40 cents, four cents; fifth class, between 40 cents and 20 cents, two cents. For day workmen, the class is determined according to daily wage, gratuities included; for those working by the piece, according to the average day's work, deduction being made for the work of their helpers.

The society is administered by a council composed of the two partners of the firm of Keller and Guérin, the director of the factory, two clerks, and the various overseers in the works, and of delegates chosen by each of the four first classes in proportion to their respective number of members on the basis of two delegates for each hundred persons. Those members participating on January 1, 1880, in the provident and mutual aid society of Lunéville continue as members of this. Their assessment (\$3.60 yearly) is paid by the crockery company.

In case of sickness, duly testified to by the physician and having lasted more than three days, the members receive, beginning with the fourth day, fixed benefits as follows: For the first class, 40 cents; for the second class, 32 cents; for the third class, 26 cents; for the fourth class, 20 cents; for the fifth class, 12 cents.

The amount of benefits is reduced to one-half at the end of six months of sickness, and one-fourth at the end of a year. Twice yearly the council appoints members to visit the sick.

Relief in case of accident is the same as for sickness. Upon the death of a member, funeral expenses are paid from the common fund. The sum of \$6 is paid to the husband or wife surviving, or to the person who is to care for the children of the deceased, if they are under 15 years of age. A fixed monthly benefit is allowed to widows, by the council, which cannot be less than 80 cents for each boy under 13 years of age and each girl under 15 years.

Any member, upon leaving the factory for any reason whatsoever, ceases to be a member of the society. The members of the first section receive upon leaving, in the form of an account in the retirement pension fund, one-third of the assessments which they have paid, if this third is greater than one dollar. This third is the proportion of the resources of the first section devoted to insurance against sickness. Thus the member who leaves has already received benefits from this fund and cannot claim the payment of it upon his departure. Members of the second section are not entitled to any reimbursement.

The society may negotiate with an accident insurance company, stipulating the claims of persons injured. The council shall then determine, with regard to the case, whether the benefits paid by the insurance company shall, or shall not, be a part of the retirement pension to which the injured person is entitled.

According to Article 44 of the statutes, the available funds of the society are entrusted to MM. Keller and Guérin, who hold themselves responsible for them. The trustees may invest them in part in bills to the bearer which become the property of the society and the income of which is paid to its fund. As invested funds, they yield to the society an interest not less than three per cent nor greater than five per cent.

*The Crockery Manufactory of Choisy-le-Roi (H<sup>c</sup> Boulenger & Co., Manufacturers of Crockery).*—In order to be admitted to the crockery works of Choisy-le-Roi, the

men, from 18 to 50 years of age, and women, from 16 to 45 years, must pass a medical examination. When the physician has returned his certificate, they begin their apprenticeship, and are enrolled by the office in one of the two mutual aid societies established in the factory for employes of each sex. The apprenticeship lasts two months, during which time the weekly assessments and certain amounts from the fund are reserved for the member. These amounts are fixed as follows:

Men, . . .	{	From 18 to 30 years, . . . . .	\$0.80
		From 30 to 50 years, . . . . .	\$1.60
Women, . . .	{	From 16 to 30 years, . . . . .	\$1.00
		From 30 to 45 years, . . . . .	\$2.00

The assessment reserved each week from the pay roll is 14 cents for men and 10 cents for women. These sums are added in each of the two funds to the amount from fines and the regular and voluntary gifts of honorary members.

The board of administration of the society is composed of a president, who is by right the oldest workman in the shop, and who receives a monthly benefit of \$3, a secretary elected each year, receiving \$15 quarterly, and eight commissioners chosen each year by the General Assembly. When a member ends his apprenticeship, he is entitled to the various sick and death benefits and later to retirement pension.

A sick member, after three days for men, and five days for women, receives, during six months, beside medical attendance and medicines, a fixed benefit of 40 cents daily for men and 10 cents for women. At the end of six months the benefit is reduced to 25 cents daily, until the physician shall have pronounced the patient able to resume work. Four visitors, two men and two women, are appointed each week to visit the sick at least twice in their homes or in the hospitals, and to ascertain their needs. Women in confinement, if members of the fund for more than 10 months, receive \$3 and medical attendance, with regular benefits after 40 days if not recovered.

The account of a member of the society discharged or voluntarily leaving the crockery works is settled. If he is readmitted, he is considered as new and subject to the usual formalities. Members ceasing to work because of complete incapacity or of old age, and becoming pensioners by reason of their length of service (at least 25 years), are entitled to medicines and medical aid by continuing to pay their weekly assessments. From the time of retirement, the fund pays them a benefit of 10 cents daily which may be increased by vote of the General Assembly up to the amount of \$120 for men and \$80 for women. Deceased pensioners are buried at the expense of the fund, and the sum of \$8 is allowed their families.

These are not the only benefits received by the workmen of the crockery works. Beside the mutual aid society, a Family Council is in operation with the object of aiding the deserving poor, and of granting retirement pensions. The council, composed of the officers of the factory and commissioners elected annually, receives and acts upon, each week, demands for loans, advances, or aid. Loans in money can be made only upon security of two respondents: first, to unmarried men, loans above \$3; to married men from \$10 to \$20. Gifts or loans of commodities (food, fuel, etc.) are made to workmen who have been employed in the factory for two years, a receipt being required.

The council also examines claims for retirement pensions, the claimant being obliged to prove his ill health and to establish the fact that he has worked at least 25 years in the factory. The amount of retirement pension granted is fixed at \$120 for men and \$80 for women. A part of this amount is paid in cash, the remainder being allowed on the payment of rent and in commodities.

The resources at the disposal of the council for the payment of pensions arises from: First, a legacy of \$10,000 made by Mme. Boulenger-Delbarre, the widow of one of the former directors of the factory; second, from the mutual societies; third, from voluntary contributions of the employer; fourth, from a legacy from M. Hte Boulenger, the income from which allows an increase of \$2 on 15 pensions. Pensions paid from the last three sources may be cumulative.

*The House of Binder and Jalla (Cotton Weaving).*—The grants which the house of Binder and Jalla have made since November 1, 1880, to its clerks and aged workmen comprise premiums for length of service, payable annually, and retirement pensions.

Each workman or clerk receives a book ensuring him an annual income of \$24 after he shall have worked 30 consecutive years in the factory, beyond the age of 24 years. This income is paid to him even though he may not leave the factory at this time and wishes to continue to work. It is considered the personal property of the beneficiary, and ceases upon his death, his family having no claim upon it.

The house has instituted, beside, a series of annual premiums for workmen whom it has employed 15 years, the premiums being reckoned as follows: \$10 yearly after 15 years of service, beginning at the age of 24; \$15 yearly after 20 years of service, beginning at the age of 24; \$20 yearly after 25 years of service, beginning at the age of 24.

These premiums are payable on October 31, of each year, through the clearing house of the Savings Bank of Regny. Thus the workman holding these deposits intact is ensured at the end of 15 years, by the compounding of interest, with a capital of \$268, which is then increased by an income of \$24 paid at the end of 30 years. Each clerk or workman leaving the factory, whether voluntarily or because of discharge, before he reaches 30 years of age loses all claim to premiums and to income. As an exception, the house has provided that each clerk or workman, who entered the factory previous to 1875, should receive the first premium, beginning October 31, 1890.

*House of Thiriez & Son (Spinning and Twisting of Cotton).*— Without making any deduction from wages or requiring any assessments from its workmen, the house of Thiriez ensures those it employs with aid in case of sickness, grants benefits to the children of deceased workmen, retirement pensions to workmen who have been in its employ at least 30 years, and widows' pensions. It has, beside, established an orphanage for 70 young girls, and a savings fund.

Workmen whose ill health is testified to by a physician receive variable aid, according to their length of service, if they have worked at least six months. Married men receive 20 cents daily, unmarried men and women, 12 cents; children from 13 to 16 years of age, eight cents. These allowances are increased by one-quarter for those who have worked three years without interruption; by one-half for those having worked six years; by three-quarters for those who have worked nine years; they are doubled after 12 years. After three months of sickness in a year, the benefits are reduced by one-half during a period of three months, remaining one-quarter during the six following months. When the illness of a workman is prolonged, his shop associates may be authorized to make a collection in his behalf; the firm doubles the amount received.

The family of a deceased workman, who has been employed for at least 10 years in the establishment, receives aid to the amount of 10 cents daily for each child under 13 years of age (if there are at least two) until more than half the children have attained that age. Thus a family of three children will receive \$108 per year, if these three children are under thirteen years of age, and \$72 if one of them has passed that age; for eight children, the allowance would be \$288.

At 60 years of age, workmen, who have served 30 years, receive a life pension of \$80 yearly, payable in 12 parts. If they have served more than 30 years, their pension is increased by \$3 for each additional year of service until it reaches a maximum of \$116 (42 years of service). The workmen who enter after 30 years of age do not receive retirement pension. In case of premature incapacity, the attainment of 60 years of age is not required. The pension is reduced by \$4 for each year under 30 years.

Allowances may be made to deserving widows of former pensioners which cannot exceed in any case two-fifths of the pension of the husband. The workman must have been married before reaching 30 years of age in order that his widow may receive this annual allowance.

*The House of Seydoux (Combing, Spinning, and Weaving of Wool).*— The system of aid and provident institutions, established by the house of Seydoux for the benefit of 1,700 workmen employed in its establishments at Bousies, Marois, Le Cateau, and Elbeuf, is maintained almost exclusively by the employers. In no case are the workmen required to contribute by special assessment or by reserve from their wages.

The house itself grants retirement pensions and aid to the widows and families of workmen, and maintains various relief institutions. It is to the generosity of the directors that workmen who have served more than 40 years in the establishments owe the life pensions by which they benefit.

The retirement pensions granted by the company are considered by it in the nature of recompense for the old clerks and workmen whom age or infirmity renders unfit for work. In general, they are granted only to persons attaining 65 years of age, after working about 30 years for the company.

The number of pensions established in the beginning has been constantly increased as the result of two gifts of \$40,000 each made to the fund, the one by Mme. Auguste Seydoux, after the death of her husband, in 1878, and the other by Mme. Charles Seydoux, in 1896. These sums have been converted into French three per cent bonds, the income from which is devoted to pensions.



In 1893, the number of pensioners was 56; eight clerks receiving from \$160 to \$200 yearly; 36 workmen receiving from \$60 to \$80; and 12 women receiving annually \$30. The total amount of pensions allowed in 1892 was \$3,960, and in 1895, \$4,200.

Ten clerks in the salesrooms at Paris receive pensions amounting to about \$2,400 yearly.

Beside these variable retirement pensions, 69 life pensions of \$20 for men and \$16 for women, who have worked for the company 40 years, were established on January 1, 1873, by M. and Mme. Auguste Seydoux. These special pensions have been allowed since their establishment to 37 workmen and 32 women. They are granted at the present time by the Seydoux heirs to 13 men and six women.

In the establishments at Le Cateau and Bousies, there are special funds furnishing aid in case of sickness, varying from 60 cents to \$1.60 per week. This aid is reserved exclusively for the sick and injured who, beside, receive free medical attendance and medicines. These funds are supported by fines imposed for breaking of rules (about \$600 yearly for the two establishments); by a sum, equal to the amount of fines, which is donated by the company; and by the sum of \$900 given also by the company. Beside this regular aid and that allowed by the mutual aid societies, relief is given by the company to the widows and families in the form of funeral benefits, medical assistance, etc.

*The Company of "Grande Maison" (Ready-made Clothing for Men).*—The proprietary company of "Grande Maison" has ensured appreciable advantages successively to its clerks, workmen, and workwomen who, by their savings, have established for themselves pensions in the National Superannuation Fund. It has for this purpose made two regulations, the first in 1886, in favor of clerks, and the second, in 1888, in favor of workmen.

**Clerks.**—By the terms of regulation of December 31, 1886, the company appropriates each year, on February 28, for the employés in its retail establishment, and on July 31, for employés in its wholesale establishment, a sum to be divided among the clerks who have remained in its service at least four years, earning less than \$1,200 yearly, and paying annually to the National Superannuation Fund at least two per cent of their earnings.

The sums thus appropriated by the company are divided as follows: After four years, one share; after seven years, two shares; after 10 years, three shares; after 13 years, four shares; beyond 16 years, five shares. The company deposits these shares *à capital réservé*\* for the benefit of the donors, but reserves to itself the right to renounce the claim for return stipulated in their favor, either by transferring *à capital aliéné*\* the sums which it has invested, or by reserving the capital for the benefit of the donee. It may, in case of the death of a beneficiary, refund these sums to the members of the family, or, if direct heirs are lacking, may appropriate them to the general retirement fund.

These sums and the life income resulting from them are untransferable and undistrainable. The life incomes, resulting from personal investments of the holders of the books, remain untransferable and undistrainable up to the amount of \$72. The pension is paid at 55 years of age. The beneficiary may, however, be allowed to defer the acceptance of this income for the purpose of increasing the amount, and, if he is still employed by the company, he may continue to receive his share in the profits. In case of serious injury or premature infirmity, the pension may be received before 55 years of age. The beneficiary is free to make his personal investments either *à capital réservé* or *à capital aliéné*. He may at any time transfer all his deposits from one account to the other.

**Workmen and women**—The retirement pensions for workingmen and women are established in the National Fund by means of deposits made by the participants and by the establishment. However, for the purpose of increasing the resources of workmen who have ceased to work, and of encouraging among them the spirit of saving, the "Grande Maison" established, in 1888, retirement pensions for those over 55 years of age, and provident premiums for those who show personal economy each year. Retirement pensions furnished by special gift are transitory. They are awarded exclusively to those who, because of their advanced age at the time of the establishment of the provident premiums, cannot benefit by the advantages which they offer. They are paid directly to workmen 55 years of age or over who have been long in the employ of the company. They are proportional to the length of service. The length of service is divided into five classes of five years each, the first ranging from six to 11 years, and the fifth, 30 years or over. Each year the management of the company fixes the rate of pension to be allowed in each of these classes. The beneficiaries counting less than 30 years of service may continue to work for the company with a view of increasing their pension.

The provident premiums are awarded to men and women at least 55 years of age who have worked not less than one year for the company. Each year those who can give proof of some

\* See page 146.



personal economy, either in provident checks of two cents and three cents, issued by the company, or in the National Fund, or other provident institutions, share in the division of a sum determined by the company. The amount of economy practised by each one serves as a basis of division. The sum awarded is paid to the account of the beneficiary on an individual account in the National Fund. The sums are paid *à capital aliéné*; the income may be received upon attaining 55 years of age.

*The Joint Stock Printing Company of Paul Dupont (Letterpress and Book Printing).*

—In the printing house of Paul Dupont, there is a mutual aid society whose regulations were approved by ministerial decree on April 20, 1893, and which maintains, beside the ordinary provident institutions, a retirement fund in the *Caisse des Dépôts et Consignations*.

The mutual aid society provides medical attendance and medicines for its members, and sick benefits. It pays their funeral expenses, allows a benefit of \$20 to the widow or widower, the children, or parents, in case of the death of a member, and grants temporary aid to the widows and orphans of members as well as to those who have become infirm but are not pensioned.

The membership of the society, fixed at 800, may, however, with the approval of the Minister, be increased to equal the number of workmen and clerks of the company. Of about 1,400 persons employed in 1894, the society counted 850 among its members. To be enrolled as a member of the society, one must be French, less than 45 years of age, and have passed a satisfactory medical examination. The society is administered by a committee holding its sessions at Paris. A special committee for the branch at Clichy deals with all questions of special interest to the members of that establishment. The society has honorary members and participating members.

The participating members pay an affiliation fee fixed at \$1.30 for men and one dollar for women, which may be paid in several parts, if so desired (eight as maximum). They are entitled to aid, however, only after full payment. They pay, beside, a fortnightly assessment of 30 cents for men and 19 cents for women. In return, each man belonging to the society has a right to a benefit of 40 cents daily during the first 90 days of sickness, and 20 cents during the 90 days following. At the end of this time, if the sickness necessitates entire cessation of labor, the member receives a monthly allowance of \$3 during six months. Women are entitled to 30 cents only during the first 90 days; after that they receive the same benefits as men. In case of chronic disability, the committee may prolong indefinitely an allowance of \$2 monthly, which is made for two years.

Visitors of both sexes, chosen alphabetically among the members, are required to visit the sick at their homes at least once each week, in order to pay their benefits. When the entire holdings of the fund exceed \$200, the available excess is placed in the savings fund. When these holdings reach \$600, the available excess is deposited in the *Caisse* to support the retirement pension funds. The retirement pension fund receives no special assessment from the members; the contributions of the employer are variable and optional. By the terms of the statutes, the pension to be paid shall not be less than \$6 nor greater than 10 times the annual assessment. In reality the retirement pension is invariably fixed at \$30 per year.

*The House of Leclaire, Redouly, & Co. (Painters, Decorators, Paper Hangers, Glaziers, etc.).*—The house of Leclaire was established in 1826. The style of the firm has been changed several times. It is, at present, a company in commandite, directed by three managers, having for its only silent partner the provident and mutual aid society created in 1838 by M. Leclaire in behalf of his workmen.

Since 1842, M. Leclaire has allowed a certain number of his workmen to share in the net profits of the enterprise. For the purpose of completing this work, he associated himself by contract, dated September 29, 1863, with the provident society and, taking it as silent partner for the sum of \$20,000 (or one-third of the capital), granted it 50 per cent of the profits, reserving to himself, however, the right to distribute two-fifths of this sum in cash as gifts.

In 1869, having consulted his workmen and received from them 200 replies to a set of questions submitted, M. Leclaire, by a new contract, associated his employees more closely with the business. Upon his death, and upon that of his partners, new contracts, dated September, 1872, December, 1875, and January, 1891, completed the organization.

In its present form, the company is a co-partnership, with respect to the three managers elected by the mutual aid society, the oldest of whom gives his name to the firm, and a company in commandite with respect to the provident and mutual aid society. It cannot be dissolved by the death or retirement of one of the partners, but must be continued in such case upon the same basis by his successors and the provident society. The capital, which, by the

contract of 1863, was \$60,000, was increased to \$80,000 in 1875. It has been \$160,000 since 1891. The share of the senior partner is fixed at \$40,000, and that of each of the others at \$20,000. The provident society, which, up to 1891, was the silent partner to the amount of \$20,000, then \$40,000, furnishes at present a capital of \$80,000, arising from the cumulative profits and bearing interest of five per cent. Each year the inventory is submitted by the managers to the president of the society, who is the silent partner, and to two workmen chosen by the committee, representing the whole body of participants.

The reserve fund, fixed at first at \$20,000 and intended to cover losses which might be sustained, was increased to \$40,000 in 1891. One-quarter of the net profits is divided between the three managers. The remainder, or three-quarters of the profits, reverts to the workmen and clerks, being divided each year, as follows: 50 per cent is divided among the employes whether shareholders or not, in proportion to the work of the year as shown by their salaries or wages, (in 1895, there were 933 workmen participating); 25 per cent is paid to the provident society, which allows life incomes to shareholders or auxiliaries and their widows. A clerk or workman, severing his connection with the company, is entitled to the benefits of the current year. "If the dissolution of the company cannot be avoided, the mutual aid society shall take into its possession the business, materials, reserve funds, etc., for the purpose of disposing of them, and with the right of selling them to the best advantage or of reconstructing the business."\*

The provident and mutual aid society founded by M. Leclaire, "exclusively for the painters and clerks of his company," was authorized on September 28, 1838, and approved on July 17, 1863, by virtue of the decree of March 26, 1852.

Its regulations, as shown in the decree of December 11, 1868, March 14, and May 22, 1865, June 5, 1891, and May 23, 1892, may be summed up as follows:

The society, the duration of which is not limited, comprises honorary members and participating members. The former are appointed by the president or must be partners in the firm; the participating members must be workmen or clerks of the company and French citizens. In order to be entitled to become shareholders, they must furnish, among other things, a certificate from the physician of the society attesting that they have no chronic disease, and they must pay an initiation fee of \$4. After investigation, the council recommends provisional admission of candidates. The General Assembly renders final decision. By Article 7, the resources of the society arise from its share, according to contract, in the profits of the enterprise; from gifts made by proprietors for whom work has been done, when the service of the workmen is satisfactory; from fines imposed for the breaking of rules; and from initiation fee of \$4 paid in one sum into the fund of the society by each member, there being no other assessment.

The sick benefits allowed each member after the first month following his provisional admission include medical attendance, medicines, and an allowance of 50 cents daily for six months. Beyond this period the General Assembly decides whether it shall be continued or the member placed upon the retirement list. If the shareholder is also a member of another aid society, his allowance is reduced to 30 cents daily during the time for which he receives benefits from the other society.

For illness lasting less than five days, the society grants no benefits in money. For cases of more than 11 days, benefits are paid from the day on which the claim is made to the vice president. If a second case is declared within 15 days, it is considered as a relapse, and the days paid for the first case are followed by those of the second without interruption. Twelve visitors, members of the council chosen each year in alphabetical order from among the participants, and each one acting for a month, are expected to visit the sick at least once in two days, and to pay them the allowance granted. In case of the death of a member, the society bears his funeral expenses.

The society allows life retirement pensions and pensions to widows without children, to widows having minor children, and to orphans, both of whose parents are dead. It grants relief also to widows and minor children of members dying before retirement, and indemnities to members leaving the company or discharged by it.

Life retirement pensions are granted to each shareholder who is incapacitated for work, either because of accident sustained in the service of the company, or by sickness; to each shareholder 50 years of age who has served 20 consecutive years, beginning at 21 years of age; and to each workman not a shareholder who, while working for the company, has received serious injury which renders him incapable of supporting himself. Retirement pensions for all shareholders are fixed from \$100 to \$300. They are untransferable and undistainable. The years of military service are deducted when the number of years allowing admission to the society and entitling the member to pension is established.

Pensions granted to each shareholder are revertible in half to his widow or minor children

\* Contract of January 6, 1869.

in the proportion and manner indicated below. Pensioners forfeit their right to sick benefits and other aid. They can no longer hold office, but maintain the right to attend the General Assemblies and enter into discussions. Each shareholder, who, having been retired because of accident or sickness, regains the ability to support himself, ceases to receive his pension until the day when he acquires, according to the usual regulations, the right to receive it.

Each workman, laborer, or auxiliary employé entering after 30 years of age, having satisfied the requirements of military service at 21 years of age and having remained 20 consecutive years in the employ of the company, may receive at 50 years of age an annual allowance equal to two-thirds of the pension awarded to shareholders and revertible in half.

The auxiliary, after 30 years of age and before 40 years, may receive, after 20 consecutive years in the service of the company, an annual allowance revertible in half. The amount of this allowance is determined by the number of years spent in the employ of the company before the age of 50 years, and in the proportion of one-thirtieth yearly of the pension allowed to shareholders.

Each shareholder, becoming unable to work before 50 years of age, may receive an allowance of one-thirtieth for each year of service beyond the tenth year. These allowances are voted by the General Assembly upon recommendation of the council, the said council having made investigation. Each member of the committee, who for any cause leaves the society and who is 50 years of age and has been for 20 consecutive years in the employ of the company, may, after investigation and a recommendation of the council, receive an annual allowance equal to the annual pension awarded to shareholders and revertible in half. No member of the committee who of his own will leaves the company, or who is discharged by it, may receive an allowance. A workman, laborer, clerk, or member of the committee who has obtained the allowance provided for above is not entitled to the advantages allowed shareholders.

Pensions are allowed to widows and minor children and other aid as follows: The society allows half pensions to widows of shareholders retired, or who have the right to retire, at the time of their death; to widows of workmen or clerks, shareholders or not, who die while in the employ of the company; and to minors of the two classes above mentioned and orphans, both of whose parents are dead. The pension of a widow is, at her death, revertible to her minor children.

Pensions are apportioned as follows: Widows without children, having lived with their husbands at least 10 years of the 20 prescribed years of service, are entitled to half the pension due the husband; for less than 10 years of married life pension is allowed at the rate of one-twentieth of the half pension for each year of marriage. The widow of a workman or any employé, who dies while in the service of the company, receives half the pension. The widow of a shareholder, who has worked 20 years for the company and dies before reaching 50 years of age, may receive a pension upon the recommendation of the General Assembly.

If upon the death of a retired shareholder there are minor children, half of his pension is allowed the widow, without regard to the length of marriage. When the youngest minor attains majority (21 years for girls and 17 years for boys), this half pension is diminished to conform to the regulations for pensions of widows without children. In case of the death of the mother, or if both parents are dead, the children receive the half pension until they attain majority. This last arrangement is applicable to the minor children of non-shareholders whose death is caused by an accident sustained in the service of the company.

All pensions are paid from the income of the society, it not being allowable to touch the capital. In case the income is not sufficient, the General Assembly may take the sums necessary to cover one-fifth of the service from its share of the annual profits. The pension of a workman retiring is paid to him from the first of the May following the decision of the General Assembly at its regular session; that of widows and orphans begins upon the day on which they become entitled to receive it. Pensions are paid by the retirement pension fund, or the fund of the society, every three months.

The widow of a shareholder, who dies before he acquires the right to receive pension, receives aid at the rate of \$4 for each year spent by her husband in the service of the company (there being no interruption of service). Minors upon the death of their mother receive, collectively, aid to the same amount. The fee of \$4 paid by the member upon entrance to the society is also returned to his assigns.

The society is administered by a president, chosen by the General Assembly of shareholders, and by a council composed of 18 members (two vice presidents and two treasurers, one of whom is chosen from among the partners of the firm, the other from among the active shareholders; two secretaries chosen among the active members, and 12 shareholders taken alphabetically from the membership list to serve for a year in the capacity of visitors). With the exception of visitors, the members of the council are elected each year by the General Assembly.

The president cannot be chosen from the members of the firm nor from the workmen or clerks of the company. His functions are entirely moral; he represents the interests of the



shareholders in the business; he presides over the annual General Assembly, approves the decisions of this body as also those of the council; he accepts propositions presented by the partners for the purpose of increasing the resources of the society; and also gifts and legacies made to the society.

Honorary members are not required to attend the General Assemblies. If they are present, they are at liberty to take part in the discussions. A statement of the condition of the society is prepared for them each year. The council, except in cases of necessity, holds four ordinary sessions yearly. It audits the accounts of the treasurer, controls the service, looks into all suits between shareholders relative to the affairs of the firm, and examines applications for membership.

Article 52 of the Regulations stipulates that "neither the death of M. Leclair nor the discontinuance of the company which he has established shall be a cause for disbanding the aid society established in 1838. This society shall continue to exist, but shall take as its title a Retirement Pension Fund for Invalid House Painters of the Department of the Seine, and shall be administered under the guidance of the Director of Public Assistance."

The rights of workmen and clerks of the house of Leclair, shareholders at the time of this change, are expressly protected both for sick benefits and for retirement pensions. The same is true with respect to widows and orphans, so that for the widows and orphans of these shareholders, the effect of the society shall be the same as it would have been if the company had not ceased to exist.

The fund for Invalid House Painters of the Department of the Seine will use its revenues, the rates previously mentioned being reserved, only in furnishing life retirement pensions of \$72: (1) to painters of the Department of the Seine who are incapacitated for labor as a result of serious injuries sustained in the discharge of their duties; (2) to the widows and orphans of workmen killed while at work; (3) to needy workmen 60 years of age or more. Preference will be given in these various cases to painters or clerks who have worked at least five years for the company.

### *Second Group. — Establishments having a system of pensions for which the firms open individual deposits in the National Superannuation Fund.*

This second group includes establishments which make payments to the National Superannuation Fund for the benefit of their workmen. As we have already observed, with respect to establishments of the first group, it applies only to industries, mines excepted, and does not include transportation and commercial enterprises.

#### *Number of Establishments, Workmen, and Pensioners.*

There are 72 establishments included in this group. As in the case of the first group, all are connected with great industries. Classed according to the nature of the industry, the metal industries predominate. They include 30 establishments with 20,161 holders of accounts, that is to say, four-fifths of all the holders of accounts. The chemical and printing industries are represented, the one by eight establishments of 1,534 depositors, and the other by six establishments with 1,073 depositors; 613 depositors appear for textile industries; one salt works is included in this group, which had not, in 1896, come under the regulations of the law of June 29, 1894. As to the per cent of the total number of depositors found in each, the industries are represented as shown in the following table:

CLASSIFICATION OF INDUSTRIES.	Per Cent of Total Number of Depositors
Metal industries, . . . . .	80.7
Chemical industries, . . . . .	6.1
Printing, . . . . .	4.3
Textile industries, . . . . .	2.5
Manufacture of clothing, . . . . .	3.3
Other industries, . . . . .	3.1
TOTAL, . . . . .	100.0



*Conditions of Payments.* Payments to the National Fund are sometimes made simultaneously by the employer and the workmen; sometimes exclusively by the employer. Considered from this point of view, the first class includes the smaller number of enterprises but the larger number of accounts. The second, which includes more than two-thirds of the enterprises, represents only about one-quarter of the accounts.

In the first case, the sums granted represent all or part of the profit sharing, the other part being distributed in cash. As, in the beginning, there was only the fixed personnel for whom a certain length of service was required in order to acquire the right to participation, the number of holders of accounts is naturally smaller than the total number of workmen employed in the establishments. In the second case, it happens often that the employers' payment is made only when the workman makes provision on his own part, and of his own accord. The sums paid by the employer are added to the voluntary savings of the workman. This explains the difference in this class between the number of accounts, which is only 6,499, and the total personnel, which exceeds 20,000. In some concerns, however, the payments of the workmen are made obligatory, either by regulation appearing in the employment contract or in the sense that they are provided for by the statutes of their aid society, or a fund instituted for the benefit of the employes. Membership in the society of the fund is optional, but as it entails the necessity of depositing in the National Fund, the contributions of members should be considered as obligatory. Beside these general conditions are numerous special arrangements which because of their variety cannot be classified in simple form.

The rate and amount of payments vary greatly. In this respect, the first class is subdivided as follows: (1) employers' allowance in per cent of wages or in actual value; (2) proportional allowance from the profits, being a fixed per cent of the latter; (3) variable and undetermined allowances. The subdivisions divide the establishments almost equally, but differ greatly in amounts. Payments in proportion to wages or profits are preferred in the large establishments. They show 18,241 accounts, or 98 per cent of all the accounts in this class.

In the second class, establishments may be divided according to the obligatory or optional character of the payments made by the workmen.

When the payments are optional, few of the workmen profit by the retirement pension institution. Of 18,374 persons employed in the 43 establishments of the second subdivision, there are only 5,000 who benefit by the employers' allowances added to the voluntary savings. When participation in the retirement pension fund is likewise optional, there is always a certain number of workmen who do not profit by it. Sometimes also the retirement pension fund receives members only after a minimum length of service. This explains, for the first subdivision, the difference between the total working force and the number of accounts, the latter representing only 55 per cent of the former.

The payments, either by the employer or the workmen, are fixed in advance (very often as a per cent of wages or a per cent of profits) when they are obligatory. When the payments of the workmen are optional, a minimum is generally fixed to which an additional amount allowed by the employer is added. The relation between the payments made by the workmen and the employers varies much, according to individual cases.

The proportion of holders of accounts to the corresponding total working force varies according to the relation between payments made by employers and workmen. In 19 concerns in which the workmen make no payments, the proportion of accounts is 95 per cent of the total number of workmen. It is only 43 per cent in 11 concerns in which the employers' deposits are greater than those of the workmen, and it is but 18 per cent in 24 concerns in which the employers' deposits are equal to or less than those of the workmen.

In the second class, as in the first, the payments are sometimes fixed and identical for all accounts; sometimes proportional to wages and profits; sometimes undetermined and varying according to time and circumstances. For deposits of workingmen, which in the main are optional, there appear to be no absolute rules, but merely various methods of determination allowed at the beginning and habitually adopted in the establishment.

The amount of deposits varies according to the establishment within very wide limits. The following table shows the average amount of deposits in 1896 in the various branches of industry:

CLASSIFICATION OF INDUSTRIES.	Average Deposit for each Account in francs
Extractive industry (one salt works), . . . . .	30.40
Metallurgic industries, . . . . .	31.40
Foundry and mechanical construction, . . . . .	143.50

CLASSIFICATION OF INDUSTRIES.	Average Deposit for each Account in francs
Iron, tin, and copper smithing, . . . . .	51.80
Manufacture of jewelry, . . . . .	82.00
Chemical industries, . . . . .	52.80
Glass and pottery works, . . . . .	25.50
Woodworking, . . . . .	44.60
Textile industries, . . . . .	42.50
Manufacture of clothing, . . . . .	106.00
Food preparations, . . . . .	62.50
Paper industry, . . . . .	35.20
Printing industry, . . . . .	105.00
Building trades, . . . . .	44.30

*Details of the Principal Establishments of the Second Group.*

*Schneider & Co., at Le Creusot (Blast-furnaces, Forges, and Factories).*— Since 1877, all French clerks and workmen in the mines of Le Creusot and their dependencies, 25 years of age and counting at least three years of service, are entitled, the case demanding it, to receive a retirement pension proportional to their years of service and to the profits realized by the enterprise.

No reserve is made on wages, the firm of Schneider & Co. making to the National Superaunuation Fund each quarter, by voluntary gift, all the payments necessary. These payments were at the beginning three per cent of the wages or salary, or two per cent for the husband and one per cent for the wife. They were increased and at last tripled for workmen more than 40 years of age. In 1896, they amounted, for beneficiaries who were at least 60 years of age on January 1, 1896, to six per cent for the husband and four per cent for his wife; for all other holders of individual accounts they were, respectively, three per cent and two per cent. The payments are made *à capital aliéné*, but on demand of the beneficiary may be made *à capital réservé*.

From the first payment a collective account is established for the clerk or workman and for his wife. In order to benefit by the income, the holder of an account must fulfil the conditions required by regulations of the National Fund. If the income acquired upon the individual account is less than \$60, it is raised to this amount by the firm. It should be noted that the pension entered in the name of the wife is not included in this minimum and, consequently, is added to it.

From 1837 to 1872, there existed at Le Creusot a provident fund (maintained by a reserve of two per cent at first, then two and one-half per cent, on wages, and an allowance from the firm), which assured medical attendance and granted sick benefits and pensions to widows and orphans of workmen who died as a result of accident. When this fund was liquidated, in 1872, it held only \$85,000 for the payment of \$10,400 in pensions. The firm added \$45,000, and the entire amount was paid to a private life insurance company, which undertook the further payment of annuities.

The firm to-day allows free medical attendance and sick benefits equal to one-third of the wages, varying from 20 to 40 cents, during six months.

*The House of Pétilat (Foundry, Manufactory of Agricultural Implements).*— The retirement pension fund established for the benefit of his clerks and workmen by M. Pétilat, on March 8, 1890, by the initial gift of the sum of \$200, is maintained at present by the terms of the revised statute of May 30, 1897:

(1) By the result of profit sharing or premiums allowed by the company; (2) by gifts from the company or other provision made for this purpose; (3) by a sum equal to two and one-half per cent of wages paid by the company; (4) by a sum equal to two and one-half per cent of wages paid each month by the workmen; (5) by voluntary deposits of the workmen, receipts of all kinds, etc.

The sums, as a part of the available capital of the fund, are paid each year to the National Fund in the name of each clerk or workman who has been in the employ of the company for one year. Each participant receives a book showing the deposits made to his account.

The right to retirement pension is acquired by each person 50 years of age who has served the company for 15 years. The retirement pension is proportional to the years of service. The length of service is left to the decision of the administrative council, which establishes it upon the basis of the condition of the fund and upon the value of participation and premiums or other sums appearing to the account of each one; it cannot be less than \$20 nor greater than \$240. At the time of liquidation, the fund pays to the National Fund the sums necessary to average, with the income already acquired from the individual account, the amount fixed by the administrative council. Life pensions are paid by the National Superannuation Fund. The administrative council may, in exceptional cases, allow pensions to workmen or clerks still in the service but who have become incapacitated for labor, and to the widows and minor orphans of workmen or clerks if their condition demands it.

The available capital of the fund may be invested in French public funds, in shares in the Bank of France, or other safe values. In case of liquidation, the amounts necessary to provide pensions paid or acquired after a year of service will be paid in the name of the assigns to the National Fund by the administrative council. The available funds which may remain will be divided among all the non-pensioners still in the service, in proportion to their years of service and the sums appearing to their accounts.

The administrative council of the fund is composed of four members by right (employers) and five members elected annually (workmen).

*The House of Alfred Mame & Son (Printers, Bookbinders, and Booksellers).*— From 1852 to 1893, a retirement pension fund was in existence in the Mame establishment, maintained solely by deposits of the employers and established in the following manner:

Each year there was paid to the National Superannuation Fund on individual accounts \$2 yearly for the benefit of each workman employed for five years; \$6 yearly for the benefit of each workman employed 10 years; and \$10 yearly for the benefit of each workman employed 15 years. In this manner, each workman entering the employ of the company at 18 years of age, obtains at 60 years of age about \$120 income, if his payments have been made *à capital aliéné*, or \$60 if they have been made *à capital réservé*. This institution was completely reorganized in 1893, when the head of the enterprise proposed that his employés devote to provident purposes a part of the sum allowed them each year from the profits.

Since 1874, the establishment has made each year, in favor of its entire personnel, deposits regulated as follows and representing profit sharing: 60 cents on \$200 of the amount of sales made by the company during the preceding year for clerks in the book store; \$5 on \$200 amount of production for workmen and clerks in the bookbindery; \$2.70 on \$200 of the amount of production for the workmen and clerks in the printing house.

Up to 1893, one-third of the sum represented by this deposit was distributed in cash among the workmen and clerks 21 years of age who had given one year at least of service, and in proportion to their salaries or wages. The remainder was paid to a provident fund and distributed among the accounts known as provident accounts, established for each clerk or workman fulfilling the conditions indicated above. It becomes the actual property of the beneficiary only after 20 years of participation. In case of the death of the beneficiary, it is paid to his assigns.

In 1893, M. Mame made a gift of \$40,000 to his personnel. This sum was distributed among the participants on the following basis: The amount of four days' labor, multiplied by the years of service. Beside this the head of the enterprise, considering that the provident movement, which is the purpose of profit sharing, would be furthered by reserving, for retirement pensions, a portion of the sums appropriated, decided to discontinue the fund and to reorganize the retirement pension system established in 1852. In consequence, the profit-sharing fund was liquidated on March 1, 1893. Each participant received the sum appearing to his credit at that date. The following arrangements were then adopted in favor of each clerk or workman 21 years of age who had worked one year: Each year the company deposits to the account of each beneficiary amounts calculated on the bases previously established. At the end of each period, half the amount is allowed to participants and the other half paid to the National Superannuation Fund *à capital réservé* for the benefit of the heirs of participants. The company adds a sum equal to this half deposited also *à capital réservé*.

The payment of retirement pensions is made at 55 years of age, although it may be deferred until 60 years of age for those who so desire. Beginning at this time, full shares of the profits are paid to the beneficiaries. The participants, who were reimbursed in 1893, are free to place half of their shares each year in the National Fund, the firm contributing an equal sum. If they prefer to continue to receive the full amount, M. Mame makes a deposit equal only to one-third of the shares.



An account is opened in the National Fund for each person for whom one has not yet been opened, unless he is too old. In such case, the deposits are made to the savings fund to be paid back at 55 years of age. For the holders of individual accounts in the savings fund, the company each year makes deposits up to the time determined upon for reimbursement. After the payment of the retirement pension, direct payment to pensioners is no longer made; however, those pensioned before 1893 continue to receive the \$10 which the company allows them each year. Any participant who is discharged or who resigns, leaving the company in the course of the year, receives a share proportional to the number of days worked. All sums paid in accordance with these arrangements are untransferable and undistrainable.

For clerks earning \$240 at 21 years of age and \$480 at 31 years of age, the income obtained at 55 years of age is \$200, and at 60 years, \$320; the reserved capital for these ages is, respectively, \$1,742.40 and \$2,030.40.

It should be added that the approved mutual aid societies which exist in the printing and bookbinding establishments grant, beside sick benefits, retirement pensions varying from \$6 to \$50 to members enrolled for 15 years and aged 65 years. The fund is supported by an assessment of 12 cents weekly, of which two cents is specially reserved for retirement pensions; by the income from fines; and by variable donations.

*The Joint Stock Printing Company of Chaix (Printers and Booksellers).* — Since 1872, the Joint Stock Printing Company of Chaix has granted annually to its employés 15 per cent of its net profits.

Up to 1894, this sum was divided into three portions: one-third was remitted annually in cash to each participant; one-third was paid to a man, upon leaving the establishment, in the form of nominative and untransferable titles, transmittible to his heirs; one-third, acquired only after 20 years of service and 60 years of age, was also allowed in nominative and untransferable titles, transmittible to his heirs.

The amount of the second and third parts was invested by the company in National bonds and the interest divided between the individual accounts. From 1872 to the end of 1894, the house of Chaix distributed thus to persons in its employ the sum of \$245,497.60. Beginning with 1895, the arrangement was changed. It was decided that the entire share of profits should be each year acquired directly by the beneficiaries unconditioned by age or length of service, and that the corresponding sums should be paid in full amount into the National Superannuation Fund upon individual accounts and *à capital réservé*.

The establishment maintains also an authorized mutual aid society, which provides aid in case of sickness.

### *Recapitulation.*

The investigation revealed the existence of 201 establishments in which, in 1896, there existed an employers' retirement pension institution, that is to say, in which the head of the establishment contributed from his own resources and on his own initiative to the establishment of pensions for his workmen who were aged or had become unable to work for other cause than through accident sustained in the employ of the company. We have distinguished two groups of establishments, according as the employers' contribution was or was not deposited on individual accounts in the National Superannuation Fund. The total number of workmen participating in these allowances for the two groups is 98,656.

In the government manufactories (manufacture of tobacco and matches), the working force is provided by the administration with individual accounts in the National Superannuation Fund, and the service of retirement pensions in its behalf is regulated in the following manner: The government deposits to the account of each man or woman employed a sum equal to four per cent of wages. If the income thus obtained at the age of 60 years is less than \$120 for men and \$80 for women, it is raised to these amounts by the government on condition that the beneficiaries have worked at least 30 years. If, then, one desires, in order to obtain an idea of the development of the employers' retirement pension system to compare with the total number of persons employed in establishments subject to labor inspection, the number of participants indicated by this investigation, he must take into account the working force of the government manufactories which, in 1896, was 17,240 persons of both sexes, including 15,120 in the tobacco industry and 2,120 in the manufacture of matches.

The persons employed in all establishments in France subject to inspection are estimated, for 1896, at 2,673,314, including both sexes. The working force of private estab-



lishments is, consequently, 2,656,074. By way of summary, therefore, the following figures appear :

Employés in private establishments subject to inspection, . . .	2,656,074
Number of participants in employers' retirement pension institutions in these establishments, . . . . .	98,656
Relation of number of participants to total employés, . . .	3.7 per cent

The proportion of 3.7 per cent shows to how small an extent retirement pensioning upon the employers' initiative is at present developed in industrial enterprises. The number of workmen participating voluntarily in retirement pension societies is far greater than the above number, but we are not now considering participants in mutual aid societies, but solely schemes resulting from the initiative of the employers. Admitting even that our statements are less complete than they might logically be supposed to be in regard to the importance of employers' institutions established in all the industrial centres, it may be affirmed that the number of participants of this class certainly does not exceed five, or at most six per cent of the entire number of employés in establishments subject to the inspection laws.

If to the 98,656 participants in private industries should be added 17,240 workmen in government manufactories, together with the total number of persons employed in mines, which, in 1896, was 165,378, it is shown that the general total of participants in industries, transportation and commerce not being included, reaches about 281,000. The general summary then becomes as follows :

Employés in industrial establishments, mines and government manufactories included, . . . . .	2,839,000
Number of participants in employers' retirement pension institutions, optional or obligatory, . . . . .	281,000
Relation of the number of participants to the total number of persons employed, . . . . .	9.9 per cent

### ACCIDENT SCHEMES.

The more important accident schemes instituted by employers include the so-called industrial syndicates or associations formed in different industries for the purpose of effecting the collective insurance of the employés, on the mutual plan. Various schemes of this kind have been referred to in Monsieur Belom's review, page 79 of this report. The French Department of Labor collected, by means of a special inquiry, data, showing the extent and operation of such schemes, as they existed at the time of the passage of the French Employers' Liability Law of 1898. In reporting this information, the Commissioner remarks :

Under the name of collective accident insurance is designated accident insurance contracted by the heads of industrial enterprises, either for the purpose of guaranteeing to their workmen the payment of indemnity in case of accident, or for the purpose of protecting themselves against the consequences of their responsibility.

The vote, unmodified, passed by the Chamber of Deputies, on the bill relating to responsibility for accidents,\* institutes at the present time a new system. . . . In consideration of this reform, which gives collective insurance an importance it has never

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\* The Statute fixing employers' liability passed in 1898. See page 141.

had before, and which will doubtless contribute toward making its usage general in all industries, it is interesting to show the present status of its operation, and the conditions under which it acts.

After referring to the two methods under which collective insurance is effected by the employer, *i.e.*, by means of insurance companies operating under the fixed premium plan, well-known to us in the field of employers' liability insurance, or by means of mutual associations of employers (*syndicats professionnels*), the report presents the following facts as to the latter, which alone concern us here :

The returns for 1896 showed 21 mutual funds for insurance against accidents to laboring men, established by syndicates of manufacturers. Among these institutions, most of which are of recent establishment, should be noticed, in order of importance :

1. The Union Mutual Insurance fund of the Ironworkers of France, established in 1891 by the committee of the principal iron and steel manufacturers of France; (*Comité des Forges de France*).

2. The Union Mutual Insurance fund of the Textile Manufacturers, established in 1894 by the various textile associations.

3. The seven union funds of the Building Trades of Paris, established at various times (the oldest, that of the Master Stone Masons, dates from 1860) : (a) The Master Stone Masons Syndicate of the city of Paris and the Department of the Seine; (b) The Master Carpenters Syndicate of the city of Paris and the Department of the Seine; (c) The Syndicate of Master Roofers, Plumbers, and of the Health and Hygiene Department of the city of Paris and the Department of the Seine; (d) The Syndicate of Heating and Ventilating Contractors of the city of Paris and the Department of the Seine; (e) The Syndicate of Builders of the city of Paris and the Department of the Seine; (f) The Union of Iron Mongers and Manufacturers of Structural Ironwork; (g) The Union of Painters and Glaziers, Gilders, and Paper Merchants of the city of Paris and the Department of the Seine.

4. The Mutual Insurance fund of *Chambres Syndicales*, established in 1891 under the auspices of the association of a union of different associations: *Alliance syndicale du commerce et de l'industrie*.

5. The Mutual Union Insurance fund in transportation industries, established in 1897.

#### *Conditions governing Policies of the Mutual Funds.*

The following are the conditions under which collective insurance is allowed by these societies or syndicates :

The fund of the Ironworkers is participated in, exclusively, by establishments affiliated with the *Comité des Forges de France*. It guarantees the payment of damages to which the employer is liable under the law without limit as to the amount, and allows the victims of accidents the following indemnities: In case of permanent total incapacity, an amount varying from 20 to 33 per cent of the annual wages, the maximum being \$120; in case of permanent partial incapacity, an amount varying between five and 25 per cent of the annual wages, with a maximum of \$73; in case of temporary incapacity of more than 90 days, a daily indemnity equal to half the wages; in case of death, two-thirds of the amount allowed for total incapacity, one-half to be given to the widow, and the other half divided between the children under 14 years of age.

The fund of the Textile Manufacturers may be participated in by all the textile establishments in France. It guarantees the legal responsibility of the employer without limit. It allows indemnities to the injured and their assigns to the same amount as in the fund just described, with the difference that, while the fund of the Ironworkers allows indemnity to persons temporarily incapacitated from the ninety-first day only, the fund of the textile workers allows indemnity from the fourth day.

The amount of annual assessments in the fund of Ironworkers varies from 1.20 to 1.80 per cent of the wages; in the textile fund, it is from 0.25 to 0.40 per cent of wages, according to the risks undertaken.

The Building Trades Syndicate funds of Paris insure only the members of the seven respective branches mentioned previously. They guarantee civil responsibility up to the amount of \$3,000, and allow indemnities at rates varying according to the funds. For the most important of these, that of the masons, the indemnities are, in case of death, the sum of \$600; in case of permanent absolute incapacity, a pension of \$50; in case of permanent partial incapacity, a pension of \$36; in case of temporary incapacity, a daily indemnity equal to half the wages, for 180 days, with free medical attendance and medicines. The premiums vary according to the risks insured, from 0.60 to 2.50 per cent of wages.

The fund of the *Syndicales du commerce et de l'industrie* guarantees civil responsibility to the amount of \$2,000, and allows, in case of death, an indemnity equal to 300 times the daily wage of the victim; in case of permanent absolute or partial incapacity, indemnity varying from 400 to 100 times the daily wage; in case of temporary incapacity of more than two days, a daily indemnity equal to one-half the wages during 50 days, to one-fourth the wages beginning with the fifty-first day. The premiums, according to the class of risks, vary from 0.30 to 4.26 per cent of wages.

This mutual fund is participated in by persons in all branches of industry. It also furnishes individual insurance and insurance on horses and carriages.

### *Operations of the Syndicate Funds.*

#### 1. Fund of the Ironworkers.

CLASSIFICATION.	1895	1896	1897
	<i>francs</i>	<i>francs</i>	<i>francs</i>
Wages of employés insured, . . . . .	65,123,000	69,312,000	72,870,000
Assessments, . . . . .	876,599	930,406	986,764
Expenditure for accidents, . . . . .	784,954	709,912	672,370
Expenses of administration, . . . . .	48,647	50,771	45,909
Amount of reserve fund, . . . . .	336,900	360,000	400,000

#### 2. Fund of the Textile Manufacturers.

CLASSIFICATION.	1896	1897
	<i>francs</i>	<i>francs</i>
Wages of employés insured, . . . . .	24,917,000	30,000,000
Assessments, . . . . .	76,167	90,830
Expenditure for accidents, . . . . .	32,184	51,484
Expense of administration, . . . . .	8,078	9,452

#### 3. Mutual fund of the *Chambres Syndicales* (branch of collective insurance).

CLASSIFICATION.	1896	1897
	<i>francs</i>	<i>francs</i>
Assessments, . . . . .	114,151	135,124
Expenditure for accidents, . . . . .	68,831	82,810
Expenses of administration, . . . . .	20,693	37,413
Amount reserved for risks, . . . . .	3,544	15,598

## 4. Fund of the Building Trades of Paris.

The funds of the seven building trade syndicates of Paris publish no annual accounts of their operations, but the results obtained in 1896 from these associations collectively show, approximately, the following figures:

Wages of employés insured, . . . . .	45,400,000 francs
Assessments, . . . . .	400,000 francs
Expenditure for accidents, . . . . .	350,000 francs
Expenses of administration, . . . . .	20,000 francs

Combining the sums indicated in these statements for the 10 funds previously mentioned, we find that, in 1896, there was deposited the sum of 1,520,724 francs (\$304,144.80) assessments, and that 1,160,927 francs (\$232,185.40) were paid out in accident benefits, including under this head indemnities of all sorts for persons injured or their assigns, as well as expense for medical attendance and medicines.

The total number of workmen insured in these mutual societies may be estimated at 150,000 in round numbers. The results shown through the other syndicate insurance funds are limited by the fact that they have recently been established, or because they are associations of minor importance. Six of these institutions, especially, established by workmen's unions, are in reality only small mutual aid societies.

*General Results of an Investigation undertaken in 1896 and 1897 by the Inspectors of Labor in France.*

In the course of their visits to industrial establishments, during the years 1896 and 1897, the inspectors of labor in France, under the direction of the Department of Labor, gathered certain general information regarding collective insurance. The information covered a total of 13,422 establishments, employing 679,871 workmen.

Of these 679,871 persons, 657,456 were insured in a joint stock or mutual company or in a trade syndicate fund, and 22,415 were not insured under these conditions. The number of establishments not carrying collective insurance policies was only 228, with a total working force of 18,892 workmen.

The 13,194 establishments insured employed 660,979 workmen, and included 12,812 establishments insured in a joint stock or mutual company not connected with a trade syndicate, and 382 establishments insured in a trade syndicate fund.

Most of the uninsured establishments, or those declaring themselves capable of furnishing their own insurance, had established aid funds operated by the establishment, or had affiliated their workmen with a mutual aid society. The policies held by the establishments insured cover insurance granting indemnities in case of serious accident in 13,081 establishments; insurance granting indemnity in cases of slight accidents in 13,194 establishments; insurance allowing the civil responsibility of the employer in 12,838 establishments.

Thus in 113 establishments, policies did not allow insurance against accidents resulting in death or permanent incapacity for labor; but all these establishments belong to industries in which serious accidents are very rare.

In all the establishments insured, the policies provide indemnity in case of temporary incapacity. In general, the indemnity guaranteed is paid after the fourth day; however, under certain policies the delay is greater, the maximum delay being 90 days, under the policies granted by the Union fund of the Ironworkers.

The following statement shows the totals brought out by the investigation:

Establishments replying to the list of questions, . . . . .	13,422
Total working force of these establishments, . . . . .	679,871
Total number of workmen insured against accidents, . . . . .	657,456
Establishments insured in a joint stock or mutual company or in a trade syndicate fund, . . . . .	13,194
Total working force of establishments insured, . . . . .	660,979
Uninsured establishments, . . . . .	228



Total working force of uninsured establishments, . . . . .	18,892
Establishments insuring their workmen against death or permanent incapacity, . . . . .	13,081
Establishments insuring their workmen against temporary incapacity, . . . . .	13,194
Establishments carrying an insurance policy which maintains the civil responsibility, . . . . .	12,838

*General Results by Localities.*

The table which follows shows the results obtained by the inspectors in various parts of France, grouping under seven heads the 86 departments and seven districts.

DISTRICTS.	Number of Establishments visited from which Replies were received	Number of Workmen	Number of Workmen Insured against Accident	NUMBER OF ESTABLISHMENTS INSURED IN —		
				A Joint Stock or Mutual Company not connected with a Trade Syndicate	A Trade Syndicate Fund	Totals
Paris, . . . . .	1,347	58,770	53,050	1,090	198	1,288
North, . . . . .	1,355	121,030	119,611	1,268	67	1,335
East, . . . . .	2,181	130,175	128,199	2,101	40	2,141
West, . . . . .	2,817	119,212	116,586	2,795	9	2,804
Centre, . . . . .	1,745	84,891	83,888	1,713	24	1,737
South and southwest, . . . . .	1,593	46,849	43,486	1,528	8	1,536
Southeast, . . . . .	2,384	118,944	112,636	2,317	36	2,353
TOTALS, . . . . .	13,422	679,871	657,456	12,812	382	13,194

DISTRICTS.	Number of Uninsured Establishments	ESTABLISHMENTS INSURING THEIR WORKMEN —		Establishments Insured against Legal Responsibility
		Against Death and Permanent Incapacity	Against Temporary Incapacity	
Paris, . . . . .	59	1,280	1,288	1,250
North, . . . . .	20	1,299	1,335	1,118
East, . . . . .	40	2,131	2,141	2,085
West, . . . . .	13	2,804	2,804	2,787
Centre, . . . . .	8	1,734	1,737	1,731
South and southwest, . . . . .	57	1,520	1,536	1,534
Southeast, . . . . .	31	2,313	2,353	2,333
TOTALS, . . . . .	228	13,081	13,194	12,838

With regard to the division of establishments insured according to districts, the preceding table should be considered only as showing the greater or less facility with which industrial establishments have responded to the questions asked by the inspectors. It is apparent that for certain regions, notably the district of Paris, the information was very incomplete, and the number of replies received, in comparison with the number of establishments visited, varied much, according to the districts under inspection. Certain other districts have given very few replies; while for some the information is quite extended.

It will be noticed that, in the districts of the west and the south, the average working force of the establishments shown is notably smaller than in the districts of the north

and east, for example. The questions answered in the districts of the former concern chiefly small establishments; in the latter, on the other hand, it is the establishments in large industries which have furnished information.

*General Results by Important Groups of Industries.*

We have also classified the replies according to the nature of the industry, limiting this classification to 13 groups, shown in the following table :

INDUSTRIES.	Number of Establishments visited from which Replies were received	Number of Workmen	Number of Workmen Insured against Accident	NUMBER OF ESTABLISHMENTS INSURED IN —		
				A Joint Stock or Mutual Company not connected with a Trade Syndicate	A Trade Syndicate Fund	Totals
Agriculture and forests, . . . . .	15	51	51	15	—	15
Quarries, . . . . .	28	487	487	28	—	28
Food preparations, . . . . .	1,532	58,277	56,685	1,520	2	1,522
Chemical industries, . . . . .	595	29,818	28,300	576	1	577
Paper, paper goods, and rubber goods, . . . . .	605	34,514	32,173	596	2	598
Hides and leather, . . . . .	334	15,389	12,787	327	—	327
Textiles, . . . . .	1,931	232,849	225,611	1,808	32	1,840
Woodworking, . . . . .	2,010	38,856	36,573	1,941	62	2,003
Metals, . . . . .	3,211	169,426	167,485	3,029	107	3,136
Stone-cutting, . . . . .	105	1,756	1,445	104	—	104
Building trades, . . . . .	2,337	53,186	52,790	2,169	166	2,335
Clay and glass works, etc.,* . . . . .	656	42,653	40,773	636	10	646
Transportation, etc., . . . . .	63	2,609	2,296	63	—	63
TOTALS, . . . . .	13,422	679,871	657,456	12,812	382	13,194

INDUSTRIES.	Number of Uninsured Establishments	ESTABLISHMENTS INSURING THEIR WORKMEN —		Establishments Insured against Legal Responsibility
		Against Death and Permanent Incapacity	Against Temporary Incapacity	
Agriculture and forests, . . . . .	—	15	15	15
Quarries, . . . . .	—	28	28	28
Food preparations, . . . . .	10	1,522	1,522	1,503
Chemical industries, . . . . .	18	577	577	572
Paper, paper goods, and rubber goods, . . . . .	7	593	598	574
Hides and leather, . . . . .	7	327	327	325
Textiles, . . . . .	91	1,840	1,840	1,828
Woodworking, . . . . .	7	1,912	2,003	1,926
Metals, . . . . .	75	3,135	3,136	3,013
Stone-cutting, . . . . .	1	101	104	99
Building trades, . . . . .	2	2,335	2,335	2,269
Clay and glass works, etc.,* . . . . .	10	635	646	624
Transportation, etc., . . . . .	—	61	63	62
TOTALS, . . . . .	228	13,081	13,194	12,838

\* Including lime kilns, cement works, brick yards, potteries, and glass works.

The industries, as appears from the figures, show various proportions of the totals. Textile and metal industries are the largest represented, followed, in order of importance, according to the number of workmen insured, by food preparations, building trades, clay and glass works, etc., woodworking, paper, paper goods, and rubber goods, chemical industries, hides and leather, transportation, etc., stone cutting, quarries, and agriculture and forests.

It should be remembered that agriculture, transportation, and extractive industries figure in this investigation to a very small extent. Mines and quarries belong to the mining service. Transportation enterprises give no occasion for inspection with regard to night work of women and children, and the same is true of agriculture.

Since the enactment of the law of 1894 providing obligatory relief and retirement pension funds for workers in mines, the latter have been insured by law against accidents as well as against sickness and old age.

### PENSION FUNDS IN TRANSPORTATION ENTERPRISES.

The report of the Department of Labor of France, from which we have drawn the descriptions of private insurance schemes in industrial enterprises, also contains data relating to similar schemes for providing pensions in connection with railways and transportation companies. In order to complete our account of the funds which are organized by employers for the benefit of their employés in France, we conclude this section with the following abridged translation:

The retirement pension funds of the railway companies affect the entire personnel, and benefit the agents holding the highest positions as well as inferior clerks and employés. It would be impossible to establish strict classification among the employés of companies, or to separate the agents of medium or high rank from other clerks and salaried persons whose salaries do not exceed the average wages of employés in industrial establishments. The continuity of the scale of salaries does not allow of distinction of this nature, which would be only artificial and unnatural; consequently, we shall consider the membership of the funds in question in its totality, observing that workmen, properly so-called (workmen in shops, in the building trades, laborers on the roads, and other manual laborers, etc.), certainly do not form half the number.\*

*Number of Pension Funds and their Members.* Reports for 22 companies, employing in 1895 and 1896, a total of 266,000 clerks and workmen, showed that the number of participants in the retirement pension institutions aggregated about 196,000, or 74 per cent of the total working force. The personnel not affiliated with pension funds is made up almost exclusively of helpers and temporary workmen who are not subject to reserves for retirement pension. In some secondary enterprises, the discrepancy between the total personnel and the number of participants is explained by the fact that payments are optional.†

These figures show that the number of persons benefited by retirement pension institutions is comparatively much greater in transportation enterprises than in industrial enterprises (mines excepted). According to the Census of 1891, the total number of workmen and clerks was 385,000. It follows that the number of persons participating in private retirement pension funds of this category reached more than 50 per cent of the total number of workmen and employés.

The 196,000 participants previously mentioned belong as stated to only 22 companies. As a general rule, companies of average or small importance do not maintain retirement pension institutions. Of 108 societies maintained by railroads of secondary or local interest, by street

\* The number of agents and workmen in the service of the railroad companies was, in 1895, 253,000, and the number of workmen paid by the day was 86,000. See *Statistics of French Railways*, December 31, 1895.

† See also statistics as to pensions on French railways presented on page 90.

railways, omnibus and coach companies, and navigation routes in operation in France,\* whose existence was reported to the Bureau of Labor, there were found only 12 which have established retirement pension funds for the benefit of their employés. Beside, the number of participants given above is divided very unequally among the 22 enterprises. The six large railroad companies, *l'Est, Paris-Lyon-Méditerranée, le Midi, Orléans, l'Ouest, le Nord*, and the government railroads, represent 181,000 participants. Of the 15,000 other participants, 9,000 belong to the omnibus company of Paris (*la Compagnie des omnibus de Paris*); the remaining 6,000 are divided among 15 different companies.

The number of pensioners aggregated 38,087 persons. This, however, is less than the actual number, for it refers only to pensions paid from the special funds of the companies and does not include persons who receive merely an income paid from the National Superannuation Fund, in which nearly all of these companies participate in behalf of part or of the whole of their personnel. The amounts allowed in 1896 to the 38,087 pensioners were \$5,273,633.60 for the part of the pensions paid from the special funds. To estimate the actual amount of retirement pensions accumulating at the present time, it would be necessary to add to this the figure showing incomes paid by the National Fund, and this is unknown. The average retirement pension, independent of the incomes upon individual accounts, amounts to \$138.60, which is relatively high, and will suffice to show that retirement pensions in transportation enterprises are far from pertaining exclusively to the working class.

*Conditions and Organization of Retirement Pensions.* We find in retirement funds of transportation enterprises the two systems already met with in industrial funds: the special fund, and the individual account in the National Superannuation Fund. The 22 companies considered are, in this respect, divided in the following manner:

(1) In six (*l'Est, le Midi, l'État, l'Est de Lyon, Bateaux omnibus, Compagnie des voitures de Paris*), the pensions are provided for entirely by a special autonomous fund, or the pensions are paid by the company without the establishment of a special fund, and in 1896 there existed no connection with the National Superannuation Fund, except for a time in the case of the government railroads.

(2) In seven (*Paris-Lyon-Méditerranée, le Nord, l'Ouest, Orléans, le Sud de la France, Saint-Quentin à Guise, Compagnie de tannage et de remorquage de l'Yonne*), the National Superannuation Fund intervenes for part or the whole of the personnel, but the company allows, directly, supplementary pensions, or maintains a special fund for certain classes of agents.

(3) In nine (*Chemins de fer de Ceinture, Chemins de fer départementaux, Chemins de fer économiques, Chemins de fer de la Camargue, d'Estrées Saint-Denis à Froissy, du Médoc, Compagnie des omnibus, Compagnie des tramways de Paris, et du département de la Seine, Compagnie du funiculaire de Bellerille*), the retirement pensions are made up exclusively from payments made upon individual accounts to the National Superannuation Fund.

In the special funds, the age of retirement and the minimum length of service giving the right to retirement pensions are generally 55 years and 25 years. For retirement pensions on the individual accounts, the age is fixed by the depositor, beginning at 50 years, and the length of service enters into account only in the sense that for payments and the corresponding ages the pension obtained increased with the number of payments made.

The retirement pension is determined by various rules in the large railroad companies which maintain special funds, or which supplement incomes acquired at the rates thus fixed upon individual accounts. In all these companies, the basis of contribution is the average salary for the six latest years. In the *Compagnie de l'Est*, the retirement pension amounts to  $\frac{1}{50}$  of the average salary per year of service. In the *Compagnie de Paris-Lyon-Méditerranée*, the rate is  $\frac{1}{50}$  per year of service for agents composing the classified personnel who participate in the special fund; the rate is undetermined for the unclassified employés affiliated with the National Superannuation Fund. In the government railroad companies, the retirement pension equals half the average salary with the addition of  $\frac{1}{50}$  for each year of service beyond 25. In the *Compagnie du Nord*, the retirement pension is  $\frac{1}{50}$  per year of service. In the *Compagnie de l'Ouest*, the normal retirement pension at 55 years of age and after 25 or 30 years of service equals half the average salary with the addition of  $\frac{1}{40}$  for each year of service beyond 25 years (agents on trains), or 30 years (agents in other service); a reduced retirement pension may be allowed after 20 years of service. In the *Compagnie d'Orléans*, the retirement pension equals half the average salary with the addition of  $\frac{1}{40}$  for each year of service beyond 25 for com-

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\* The railroad companies in the colonies are not included. Two of these, *l'Est-Algérien* and the *Chemin de fer de Dakar* at Saint-Louis, make payments to the National Superannuation Fund.



missioned agents; for other agents, it is fixed uniformly at \$70 with the addition of \$2 for each year of service beyond 25 up to a maximum of \$80.

The maximum of these retirement pensions is very high. In the *Paris, Lyon, and Méditerranée*, for example, it reaches \$2,400, and in the *Orléans*, three-quarters of the salary, whatever the figure may be. When the retirement pension is provided solely from the individual accounts, it is undetermined and depends upon the age at which the payments are made, the number and amount of the payments, the age at the time of liquidation, whether *à capital réservé* or *à capital aliéné*, and, finally, upon the rates in vogue in the National Superannuation Fund at the successive periods of payment. The maximum in all cases is \$240, according to the law.

The reversion of retirement pension and its liquidation before the expiration of the normal period, in case of premature infirmity, are subject to conditions varying according to the fund. In the large companies, the retirement pension fund is always revertible to the widow or orphans under 18 years of age, and in case of incapacity a small pension is always allowed after 15 years of service. Concerning pensions allowed by the National Superannuation Fund, as the payments, by virtue of the law of 1886, are made in equal parts in favor of the man and his wife, the widow is always certain of receiving a pension after the death of her husband; beside, when payments are made *à capital réservé*, which is very frequently the case, the entire amount of the payments shown upon the account books is paid to the heirs upon the death of the holder of the account. As to anticipated liquidation, it takes place, under Article 11 of the law of 1886, in case of absolute incapacity caused by sickness or accident.

The contributions of agents and of enterprises established to provide pensions are generally fixed in advance by the rules, and are estimated in per cent of salaries. In four companies, the contribution of the agent, consisting of payments upon the individual account, is entirely optional (*Chemins de fer de Saint-Quentin à Guise, Chemins de fer du Médoc, Tramways de Paris, Funiculaire de Bellerive*). In three others, the company bears the expense of retirement pensions, and the employés make no contribution (*Chemins de fer économiques, Compagnie des petites voitures, and Compagnie des bateaux parisiens*). In all other cases, the agents are subject to obligatory reserves.

As to the rates of payments applied in the companies, it may be said that, in general, the reserves vary from three to six per cent of the salaries, and the payments of the companies, which are added to the amount of these reserves, are sometimes equal to 15 per cent of salaries. The total contribution thus reaches 18 per cent of salaries (in the *Chemins de fer du Midi*, for example). Certain companies, the *Orléans* among others, which have no special fund but make deposits with the National Superannuation Fund, contribute to retirement pensions, not only by the deposits shown upon the accounts, but by amounts paid by them complementary to the incomes thus acquired up to the amount allowed by the statutes.

Payments made in 1896 amounted to nearly \$2,000,000. They have been increased especially during these later years. Thus in 1895, they amounted to \$1,833,000; in 1894, to \$1,749,600; in 1893, to \$1,662,400; and, in 1892, to only \$1,242,000.

The use of the individual account has spread more and more, as the figures show, in transportation enterprises. The large railroad companies, especially, seem disposed to substitute it for their funds wherever they can; that is to say, for small retirement pensions and small salaries.

The autonomous funds have, indeed, become a heavy burden and an object of constant care for large companies. They were established in the first place when no one had taken the trouble to investigate as to whether the payments by which they are maintained would always be able to cover the expenses. With the law of December 27, 1890, Article 2 of which obliges companies to submit the statutes of their retirement pension and aid funds for government approval,\* the question has arisen wherever the National Superannuation Fund has not provided pensions. Approval necessitating, in a measure, the responsibility of the government, has entailed a sort of administrative supervision of the companies through the medium of the Committee of Consultation for railroads. To be able to approve the statutes, the Committee of Consultation must inform itself as to whether the reserves of the funds provided by these statutes accord with the pensions allowed; also, in 1894, M. Chauchat declared that it was expedient to oblige companies to produce statistics and necessary contributions for this purpose.

Since this time, the companies have had established by actuaries the elements of the balance sheet of their funds. The contributions have revealed, in most cases, a considerable deficit; that is to say, the obligations of the funds exceeded by a considerable amount the probable value

\* Article 2 of the law of December 27, 1890, reads thus: "After the expiration of one year, Railroad Companies and Administrations must submit the statutes and regulations of their retirement pension and aid funds for government approval."

of payments and gifts. The deficits have been covered in part or in whole by the deposit of capital (*le Nord*, for example, deposited in 1896, \$1,800,000 for its retirement pension fund). Everywhere the attempt has been made at least to hinder an increase of deficit by augmenting the gifts. It cannot be affirmed, however, that the deficits have completely disappeared at the present time. Nevertheless, great progress has been made in this, thanks to the law of 1890. The attention of the State and of the companies has been called to the dangers of the organization of funds not strictly conforming to the principle of insurance for life, and it is to be hoped that these institutions will in the future, by reason of approval of their statutes and the practical intervention of actuaries in their management, be protected from mishaps to be feared despite all the confidence rightfully inspired by the powerful organization of the enterprises which have established them.

## CONCLUSION.

In conclusion, very little needs to be said. The evolution of the system of workingmen's insurance can easily be understood from a careful study of the phases through which it has passed in the countries wherein it has been prominently considered.

It will be observed that effort is constantly directed toward a more perfect definition of the risks, and a more secure provision for the payment of the benefits. Of course, wherever the Government stands behind the plan adopted, as in Germany, no question of solvency can be raised; and in France or elsewhere, wherever National funds, properly organized, enter into the various schemes, the elements of solvency and permanency are provided.

Wherever schemes are introduced by the employer, however, without the backing of a National fund, or without governmental supervision, there is always danger that a business depression, resulting in the suspension or insolvency of the firm, may affect the status of the fund or entirely extinguish it. Where the contributions in such a case have been made entirely by the employers, it may be said, of course, that being of the nature of a bonus or gift, no actual financial loss can come to the workmen. There would remain, however, the disappointment due to the failure to realize anticipations of benefit, and this would, in many cases, be a serious contingency. If any scheme is adopted to which employes are invited to contribute, there ought especially to be some provision for securing the permanency and solvency of the fund, by deposits of the contributions in some responsible financial institution, under conditions which will preserve the funds intact for the benefit of the members in case the firm becomes insolvent, or in the event of terminating the scheme for any reason. It hardly need be said that, except where a general system of governmental insurance

is in operation, as in Germany and Austria, enforced participation in any scheme instituted by an employer, which requires contributions from wages, is looked upon with disfavor by employés, and is uniformly prohibited by law wherever the law has developed so far as to take cognizance of the subject. This is seen, especially, in England, where schemes for protection against accident may be instituted, which, if approved by the proper governmental authority, may supersede the indemnities provided by law; but the acceptance of such schemes cannot be made obligatory upon the workmen as a condition of their employment.

It is obviously difficult, and perhaps impossible, properly to control the operations of voluntary schemes, so as to guard against maladministration, to protect the rights of the members, and to secure the payment of such benefits as are promised, in fact, to secure the solvency of the funds, without legislation, and without effective governmental supervision. This statement applies to funds established by the employés alone, as well as to those put in operation by employers for the benefit of their workmen.

The solvency of the funds involves not merely the care and investment of the money paid in, but also the question of whether or not the scheme is so organized as to ensure the payment of benefits promised. In order to be solvent, therefore, every scheme must rest upon an actuarial basis, and the contributions paid by members, or set aside by employers, must bear such a relation to the risks as will afford reasonable guarantee, in the light of experience, that such payments as are contemplated by the rules can be made. This requires the advice of a competent actuary when the scheme is organized, and periodical examinations and reports afterward; and here again, in all voluntary schemes, the need of efficient governmental supervision and examination will be obvious.

It will be clear that the risks differ materially, according to the object of the fund. Leaving out of consideration insurance against unemployment, in which the risks have not as yet been definitely determined, and cannot be, until we have a much broader basis of experience than at present, there are three different classes of risk: (1) against sickness, (2) against accident, (3) against old age. Insurance against each of these involves



different problems, and should not be covered in the same scheme.

Of the three, protection against sickness is the simplest. In this field, the ordinary mutual benefit societies or Friendly Societies operate successfully, and, barring the limitations due to any partial or voluntary system as against a universal system made obligatory by law, limitations which have been pointed out by M. Bellom in his summary,\* the general method of such societies can be commended; and the same may be said of the sick benefit funds under the patronage of employers, which we have described at length.

Insurance against accident involves questions of much greater moment, and the general tendency in all industrial countries, even where the general method of insurance is left optional, is toward fixing a minimum scale of indemnity by legislation relating to employers' liability. Against this liability, the employer may if he pleases insure, but in any event the protection of the employé is provided for, unless the employer is insolvent.

Insurance against old age introduces problems still more complex, requiring more careful consideration of premiums, and, as payments must usually be continued through an extended term of years, arrangements must be made to provide against the termination of the scheme, for any reason, and for the adjustment of claims in case of the death of members, or upon their discharge, or whenever they voluntarily close their employment in the establishment. In this country, especially, where the status of the workman is less fixed than abroad, and where the establishments are constantly changing, particularly in this era of consolidation, the difficulties involved are very great. In fact, railroad employment, or possibly that given by other large corporations, stands almost alone in possessing the element of permanency which is required as a basis for the payment of pension benefits.

To summarize: Every scheme should be organized with special reference to the class of risks involved, with proper safeguards to secure the solvency of the fund, including the investment and care of the money, as well as in accordance with sound actuarial principles, guaranteeing the payment of the

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\* See page 96.



benefits promised ; and there should be provision for equitably liquidating the fund in case it becomes necessary to terminate it, and for paying to members such sums as equitably belong to them in case membership ceases, or to their dependents in case of death. The failure to observe these conditions, although all of them are obviously dictated by ordinary business prudence, has led to disappointment in the past ; and the experience abroad, as reflected in the tendency of legislation upon the subject, should be of value in case any scheme is put in operation here.

Participation by the members in the administrative work of the scheme, essential if they contribute toward its resources, and advisable even if they do not, tends very much to promote its harmonious operation, and to enlist the interest and co-operation of the employes in its success. Whenever a scheme is put in operation upon a practicable basis within an establishment of such a character that its permanency is reasonably assured, there can be no doubt that it tends to promote good feeling between the employer and his employes ; to create, in fact, a sort of *esprit de corps* among the workmen. A special instance of the successful operation of schemes established by the co-operation of the employer and employé is given at the South Metropolitan Gas Works, in London. The success of the plan of profit sharing, initiated there some years ago, has perhaps a bearing upon the other schemes by which the workmen benefit ; but the sickness, accident, and annuity funds are, each in its own field, apparently equally successful. Mr. George Livesey, the Chairman of the Company, to whom the liberal character of its management is largely due, in a communication to the Bureau, speaking especially of the accident fund, says : " Our jury system, as set out in the rules, has been very useful in bringing home to the men their responsibility, every accident, however trifling the claim upon the fund, being inquired into by a jury. . . . All these funds of ours are working most satisfactorily to us, and beneficially to the workmen. I hold that wherever practicable such funds should be introduced." It would be easy to multiply examples of this kind among the other private schemes in England, France, and elsewhere.

In the United States, there are as yet comparatively few in-

stances of similar schemes. The Trade Unions in some instances have benefit funds of their own on the mutual plan, and there are mutual aid societies operating in a limited way in some of our factory towns. Some of the great railroad systems of the country have established benefit funds, notably the Baltimore and Ohio, the Pennsylvania, the Reading, the Chicago, Burlington and Quincy, and the system known as the Pennsylvania Lines West, including the Western Division of the Pennsylvania Railroad, and the Pittsburg, Cincinnati, Chicago, and St. Louis Railroad.

In the Massachusetts Labor Bulletin — No. 4, October, 1897, we gave a detailed account of the history and method of operation of the Baltimore and Ohio Relief Department, but as this Bulletin is now entirely out of print, we summarize here the principal points contained in it. The Baltimore and Ohio scheme is one of the most important schemes in connection with the railway service in the United States, as it is also the first one established here in point of time, having been incorporated as an association of employes in May, 1882, although the actual work of relief began somewhat earlier. In its present form, as a Department of the Baltimore and Ohio Company, it dates from March 15, 1889, at which time the corporation perfected the present organization, the assets and liabilities of the employes' association being transferred thereto.

The administration of the Department is practically controlled by the Company. It furnishes office room and furniture, gives the services of its officers and employes, and the use of its facilities. It is the custodian of all funds, and guarantees that the obligations of the Department shall be met, in accordance with the regulations established for its operation, and, through its officers, it has power to change the regulations, which, when changed, become binding upon the members. The executive officers, consisting of Superintendent, Assistant Superintendent, Actuary, and Chief Clerk, are appointed by the President of the Company, subject to the approval of the Directors, and there is a Committee of the President and Directors "on the Relief Department," which has charge of the operations of the Department, with power to make changes in the regulations, subject to the approval of the President and full board of Directors; hears and finally determines questions of administration brought by members on appeal from the Superintendent, or from the Advisory Committees hereinafter referred to; passes upon loans from the Savings Feature of the Department; determines the disposition of surplus funds at the end of each fiscal year; directs investments; passes upon the rates of contributions to the relief fund and the amounts payable as benefits, etc.

There are also two Advisory Committees, for the eastern and western divisions of the railway system, respectively. The General Manager of each division is, *ex officio*, chairman of the Advisory Committee for the division, but the other members, six in number, are chosen by the members of the Relief Feature of the Department, from among themselves, by ballot, in manner specified in the regulations. The powers of each Advisory Committee are limited to recommendations to the Committee on the Re-

lief Department, formed, as explained, out of the directory of the Company. The employés of the Company are not otherwise represented in the management. The Advisory Committee must hold regular meetings every three months. It receives complaints from members aggrieved by any decision of the Superintendent or otherwise,\* and examines and reports upon the same, with recommendations to the Committee on the Relief Department, whose action thereupon, as stated, is conclusive, and it may make any other recommendations that it deems advisable, and is to examine into and report upon all matters referred to it by the Committee on the Relief Department.

There are three branches of Department work in the Baltimore and Ohio system, known, respectively, as the Relief, Savings, and Pension "Features," each being distinct.

The Relief Feature affords benefit relief to its members when they are disabled by accident or sickness, and to their families in the event of death. To this Feature the Company contributes \$6,000 annually, if needed, or if not needed, to the Pension Feature, hereinafter described. Membership in the Relief Feature is, as we have stated, compulsory. That is, all persons entering the service of the Company must join it, contribute to its treasury, and participate in its benefits, except officials who receive more than \$2,000 per annum; employés who entered the service prior to May 1, 1880, and who have been continuously employed since, unless members of the Baltimore and Ohio Employés Relief Association to which the Relief Department succeeded; clerks, telegraphers, and others of similar employment who are not exposed to accidents in the service; agents receiving commissions only; and employés receiving \$20 per month or less. Such employés or officials may voluntarily become members, but, if they join, must retain their membership while in the service of the Company. A medical examination is required antecedent to membership, and if not passed, the employé, if of the class whose membership is compulsory, is relieved from service. The Company contributes \$2,500 annually towards the expenses of these examinations. Applicants must not be over 45 years of age.

The beneficiary named in an application for membership must be the wife of the applicant, or his wife and children, if he is married, or his father and mother, if he is single; and the benefit must be paid to the widow or to a relation not more remote than first cousin, except, however, that the natural death benefit may be assigned to secure a loan from the Savings Feature, hereinafter described.

If a member is furloughed or suspended, that is, temporarily relieved from service, whether with or without fault on his part, he may retain his right to receive the natural death benefit only, by continuing his contributions and otherwise complying with the regulations; and if he returns to duty within six months, he may be restored to full membership without reference to the regulations as to the admission of new members. If not restored within six months, however, his right to full membership is considered to have lapsed, and to regain it he must comply with the conditions prescribed for new members. When a member ceases to be employed by the Company, his membership and participation in the relief benefit cease immediately, except that he may retain his interest in the natural death benefit by complying with certain regulations respecting such cases, and continuing his contributions. Payments on account of injury or sickness are made for the period provided in the regulations, and during the time covered by such payments the provision for a death benefit is also in force. After the expiration of the time during which payments for injury and sickness are continued, the employé may still retain his interest in the natural death benefit fund if he conforms to the regulations and continues his contributions.

Members of the Relief Feature are divided into two classes: the first, including employés operating trains or rolling stock, and the second, all employés not so engaged; and each of these classes is subdivided according to the average monthly pay of its members into five classes, designated by the letters A, B, C, D, and E, as follows: A, those receiving not more than \$35 per month; B, those receiving more than \$35 and

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\* Members may, if they prefer, take such complaints directly to the Committee on the Relief Department, without the intervention of the Advisory Committee.



not more than \$50; C, those receiving more than \$50 and not more than \$75; D, those receiving more than \$75 and not more than \$100; E, those receiving more than \$100.

The payments on account of benefits are made as follows: First, while a member is totally disabled on account of accidental injury received in the discharge of duty in the service, for each day other than Sundays and legal holidays, during a period of 26 weeks, at rates fixed for the class of which the employé is a member; and at half these rates during the continuance of the disability after the first 26 weeks. Second, relief is paid to members totally disabled by sickness, or from any cause other than accident received in the discharge of duty, for each day other than Sundays and legal holidays, after the first six working days of such disability, for a period not exceeding 52 weeks, at the rates fixed for the class of which the employé is a member. Third, payment is made of a minimum sum of \$500 on the death of a member of the lowest class from accidental injuries received in the discharge of his duty, and of greater amounts for the other classes, as fixed in the regulations. Fourth, payment is made of the minimum sum of \$250 on the death of a member of the lowest class from any cause other than accidental injuries received in the discharge of duty, and of greater amounts for the other classes, as fixed in the regulations. Members under 50 years of age may, after satisfactory medical examination, provide for a larger death benefit by entering a class higher than that to which they are assigned on the basis of their monthly pay, and making correspondingly higher contributions to the fund; provided, however, that the maximum natural death benefit shall not in any case exceed \$1,250. Provision is also made for the payment of fees for surgical attendance in certain cases, and for admission of members to hospitals at moderate cost.

The monthly payments required from members are appropriated, that is, held back, out of wages earned during the preceding month, and if a member earned no wages during the preceding month, for any reason other than injury or sickness for which he is entitled to receive relief benefits, he must contribute out of the first wages earned whenever he resumes work, for the current instalment and all arrears. No contribution is required from a disabled member, while he is receiving benefits, for any month subsequent to the one in which the disability begins. On his return to work he is entitled to the benefits covered by his application for the month in which he resumes work, without contribution for that month.

The Savings Feature of the Department is practically a Savings Bank, provided for the benefit of any employé of the Company, his wife, child, father or mother, or the beneficiary of a deceased member of the Relief Feature, but as it is not connected with the insurance funds we omit further reference to it.

The Pension Feature of the Department is intended to make provision for those employés who, by reason of age or infirmity, are relieved or retired from the service of the Company. Under the existing regulations the Company contributes to this Feature the sum of \$25,000 annually. As previously noted, the Company also contributes \$6,000 annually to the Relief Feature, with the stipulation that, if not needed for that purpose, the contribution shall be carried to the Pension Feature. As it has not been needed for relief, the pension fund has been increased each year by that amount. Besides these contributions, the Pension Feature has now acquired an invested fund from which it receives an annual income of about \$3,550. Part of this fund was acquired by the Pension Feature before it became operative, and invested in five per cent bonds; the balance, about \$70,000, is invested with the Company, which pays upon it about four per cent annually. The Committee in charge of the Relief Department has authority to determine what disposition shall be made of the surplus funds of the Relief Feature at the close of each fiscal year, and especially is empowered to dispose of them by increasing the efficiency of the Pension Feature. Acting under this authority, the Committee has set aside, for the benefit of the Pension Feature, the income from \$375,000 of the funds of the Relief Feature, invested at four per cent. All together, therefore, the fund for the payment of pensions amounts to about \$49,550 annually.

The contributions of the Company are applied in order of precedence, as follows: First, to the support during life of members of the Relief Feature, who, having served the Company for 10 consecutive years, and having reached the age of 65, shall be



honorably relieved from duty; second, to provide in the same manner for like persons who elect to retire from service; third, if the funds applicable are more than sufficient for the purposes named, the surplus is to be applied to the relief of such class or classes of the Company's employes, members of the Relief Feature, as the Committee may think most deserving, under such regulations as the Committee may then adopt. Pensions are paid monthly, the daily allowance being equal to one-half the benefits provided to be paid for sickness under the regulations of the Relief Feature to the members of each class respectively, as shown in a preceding table. If the pensioner has been a member of the Relief Feature 15 years, the allowance is increased five per cent, and for each additional term of five consecutive years' service, five per cent additional is allowed.

The regulations provide that the pensions are not to be diverted by pledge, mortgage, sale, assignment, or transfer of right, and in event of the death of the pensioner, no one save his widow or child is entitled to receive any accrued amounts which may be due; and it is also provided that amounts due to pensioners under this Feature shall be exempt from attachment, levy, or seizure, or any other legal process.

Although the principle underlying other railway funds in operation in this country is the same as in the Baltimore and Ohio, they vary in details of management. In the Baltimore and Ohio and the Reading, for example, membership is compulsory; in the others voluntary. To a certain extent, of course, they all follow European precedent, and the description we have given of the Baltimore and Ohio scheme may be compared with the details of English and French railway schemes in this report.

In the Bulletin referred to we alluded to certain objections brought against the Railway Relief Departments, as follows:

It has been urged:

1. That they interfere with the growth of labor organizations.
2. That through them the corporations seek to protect themselves against suits for damages to their employes.
3. That railroad companies by such departments enter into competition with insurance companies and other benefit associations, and that this is outside their legitimate field of operation.
4. That when membership in such departments is compulsory the liberty of the employe is curtailed. (This, of course, does not apply to the departments in which membership is voluntary).
5. That a member may contribute for years to a fund providing death benefits and then lose his interest therein, by leaving the employ of the company. (This, however, does not apply to the Baltimore and Ohio Department, which permits members who leave the service of the company to retain their interest in the natural death benefit fund, by continuing their contributions).

To all these, and possibly to other objections, the advocates of such departments present cogent answers. Some of the points raised apply with equal force to all similar schemes in connection with industrial establishments, and have been previously referred to by us. It is not our purpose to enter farther into the discussion here, as the whole ground is sufficiently

covered in the literature of the subject. In commenting upon the first objection noted above, we remarked in the Bulletin, and may here repeat, that if the opinion be held that the attitude of employer and employé is necessarily one of opposition, and that it is the purpose of labor organizations to perpetuate this attitude, this particular objection would have greater validity than it would carry otherwise. The field occupied by labor organizations, however, is much broader than this, and there need be no rivalry between them and schemes intended to protect the workmen against the risks contingent upon his employment.

After all one of the best tests of the success of any such scheme is the opinion of the employés directly interested concerning it. Upon this point Dr. S. R. Barr, the superintendent of the Baltimore and Ohio Department, says : \*

The association has grown into almost universal popularity with the employés, dating from the time its practical operation began to be felt among them. This fact is evidenced not only from the personal expressions of members themselves, but from the fact that a very large number of those leaving the service of the company retain their interest in the natural death feature; that although it was optional at the time of inaugurating the association for all persons then in the company's service to become members or not, it is difficult to find to-day any one of these old employés who is not a member, and of those who are not members nine-tenths would become such if they had not become debarred by reason of their age and infirmity.

The experience in this case, as in that of the South Metropolitan Gas Company, of London, previously cited, is a sufficient indication of what may be expected whenever such a scheme is properly organized, and intelligently and efficiently administered.

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\* Third Annual Report of the Interstate Commerce Commission.



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PART III.

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GRADED PRICES:

MASSACHUSETTS, OTHER UNITED STATES,  
AND FOREIGN COUNTRIES.

1816-1891.

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## PART III.

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### GRADED PRICES.

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In the reports of the Bureau for the years 1895, 1896, 1897, and 1898 are given statistics of average weekly wages under the heading "Graded Weekly Wages: Massachusetts, Other United States, and Foreign Countries; 1810-1891." Owing to the length of the presentation, it was found necessary to continue it from year to year until completed. In the Report for 1895, those branches of occupation were given, initial letters of which were comprehended between the letters A and C, both inclusive, the number of such branches of occupation being 103; in the Report for 1896, those branches of occupation were presented, the initials of which were covered by D to G, both inclusive, the number of occupations being 99; in the Report for 1897, 99 branches of occupation were comprehended, covered by the initials H to O, both inclusive; in the concluding section, given in the Report for 1898, 172 branches of occupation were presented, covered by the initial letters P to Y, both inclusive. The whole number of branches of occupation contained in the four presentations was 473.

It has been stated that the presentation was alphabetical. It was impossible at the beginning of the work to classify the branches of occupation under the various industries, or general definitions of manufactures, but now that the presentation is complete, it becomes necessary to make such a classification in order to ascertain whether the branches of occupation under each industry heading are sufficient in number and include the principal occupations, so that statistics of wages given for them may be considered as indicating the condition of the industry as regards weekly compensation paid to employes therein.

Such a classification has been made and follows hereafter. The names of the branches of occupation included in the four reports previously mentioned are printed in Roman type; a



## PART III.

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### GRADED PRICES.

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Such a classification has been made and follows hereafter. The names of the branches of occupation included in the four reports previously mentioned are printed in Roman type; a



careful examination of the various industries showed that in order to make what would be a satisfactory statistical presentation of wages in each industry, it would be necessary to add other branches of occupations not shown in detail in the reports of graded weekly wages. This list of added branches of occupation has been built up after careful scrutiny of the Census classification used in the State Census of 1895, and the names of such added branches of employment are printed in *Italic type* in the table which follows.

In order that the matter may be thoroughly understood, we may say that for the branches of occupation printed in Roman type, statistics of Graded Weekly Wages for Massachusetts, Other United States, and Foreign Countries, for the years between 1810-1891, may be found in the Bureau reports of 1895 to 1898. It must not be understood that this means that for each printed branch of occupation so presented, the statistics are complete for all the States and Foreign Countries, or for all the years, but the statistics given are as complete as could be secured by most careful examination of all the official reports giving statistics of wages that were at the disposal of the Bureau at the time the statistics were compiled.

For the branches of occupation in *Italic type*, no statistics of graded weekly wages have as yet been obtained or published, but it is the intention of the Bureau, beginning with the year 1900, to collect statistics of graded weekly wages each year for all the branches of occupation mentioned in the following table, whether printed in Roman or *Italic type*, and this classification will form the basis of the wage presentations presented by the Bureau until the taking of another State Census in 1905 makes it necessary to change the classification.

In the table which follows, the class headings are printed in full face type. Under the general class Manufactures, appear the names of the various industries, and these are printed in small capitals. As has been stated, the branches of occupation printed in Roman type are those for which statistics of Graded Weekly Wages have been given in the Bureau reports from 1895 to 1898, while the branches of occupation printed in *Italic type* are the ones for which statistics of

graded weekly wages will be presented in future reports, in combination with those the names of which are printed in Roman type:

# CLASSIFICATION OF BRANCHES OF EMPLOYMENT.

## Personal Service.

Watchmen

## Transportation.

Teamsters

## Manufactures.

### AGRICULTURAL IMPLEMENTS.

Foremen

*Labellers (shovel makers)*

*Makers N. S.*

Molders

### ARMS AND AMMUNITION.

Gunsmiths

*Labellers (cartridge makers)*

### ARTISANS' TOOLS.

Foremen

Grinders

Hardeners (edge tools)

*Hardeners (drills)*

*Hardeners (files)*

Packers

Saw makers

Tool makers

### AWNINGS, SAILS, TENTS, ETC.

Sail makers

### BOOTS AND SHOES.

Boot and shoe makers:

Cutters

*Edge makers*

Edge setters

Finishers

Foremen

Heelers

Lasters

Nailers

Packers

Stitchers

Boot makers:

Bottomers

Crimpers

Fitters

### BOOTS AND SHOES — CON.

Boot makers — Con.

Pasters

Treers

Trimmers

Turners

*Makers N. S.*

Breasters

Shavers

Shoemakers:

Beaters-out

Binders

Blackers

Bottomers

Buffers

Burnishers

Button sewers

Channellers

Closers

*Edge makers*

Edge trimmers

Fitters

Levellers

Pasters

Scourers

Stayers

Tackers

Treers

Trimmers

Turners

Vampers

*Makers N.S.*

Beaders

Breasters

Cleaners

Labellers

Shavers

### BOXES (PAPER AND WOODEN).

Box makers (paper)

Box cutters (paper)

Box makers (wooden)

*Labellers*

Nailers (wooden boxes)

Pasters (paper boxes)

## CLASSIFICATION OF BRANCHES OF EMPLOYMENT — Continued.

## BRICK, TILES, AND SEWER PIPE.

Brickmakers  
 Burners  
 Molders  
 Pressers  
 Setters  
 Foremen  
 Kilnmen  
     *Kilnmen (terra cotta workers)*  
     *Kiln setters (brickmakers)*  
 Tile makers

## BROOMS, BRUSHES, AND MOPS.

Brush and broom makers

## BUILDING.

Carpenters  
 Carpenters' helpers  
 Door, sash, and blind makers  
 Draughtsmen  
 Foremen  
 Gasfitters  
 Glaziers  
 Lathers  
 Masons (brick)  
 Masons (stone)  
 Masons' helpers  
     Hod carriers  
 Painters (fresco)  
     *Interior decorators*  
 Painters (house)  
 Paper hangers  
 Plasterers  
 Plumbers  
     Plumbers' helpers  
 Roofers and slaters  
     *Roofers*  
 Stair builders  
 Steamfitters  
 Whitewashers

## BUTTONS AND DRESS TRIMMINGS.

Button makers  
     *Labellers (button makers)*

## CARPETINGS.

Loom fixers  
 Overseers  
 Spinners  
 Weavers

## CARRIAGES AND WAGONS.

Body makers  
*Carriage makers N. S.*  
     Finishers  
     Stitchers  
 Carriage painters  
 Carriage trimmers  
 Foremen  
*Wheel makers*  
     Wheelwrights

## CLOCKS, WATCHES, AND JEWELRY.

Finishers (watches)  
 Jewelry makers

## CLOTHING.

Artificial flower makers  
 Basters  
     *Basters (coat makers, custom)*  
     *Basters (coat makers, ready made)*  
     *Basters (coat makers, N. S.)*  
     *Basters (pantaloon makers)*  
     *Basters (tailor work)*  
     *Basters (vest makers)*  
 Binders  
     *Binders (coat makers)*  
     *Binders (corset makers)*  
     *Binders (hat makers)*  
     *Binders (shirt makers)*  
     *Binders (suspenders)*  
 Bushellers  
 Button-hole makers  
 Cap makers  
 Cloak makers  
*Clothing makers N. S.*  
     Pressers  
     Trimmers  
 Coat makers  
     *Coat makers (custom)*  
     *Coat makers (ready made)*  
 Corset makers  
 Cutters  
 Dressmakers  
 Embroiderers  
     *Embroidery workers*  
 Examiners  
     *Examiners (corset makers)*  
     *Examiners (shirt makers)*  
 Foremen  
 Furriers

## CLASSIFICATION OF BRANCHES OF EMPLOYMENT — Continued.

## CLOTHING — Con.

Hat makers  
 Blockers  
 Finishers  
 Sizers  
 Stiffeners  
*Labellers (paper collar makers)*  
 Milliners  
 Packers  
 Pantaloon makers  
*Pantaloon makers (custom)*  
*Pantaloon makers (ready made)*  
 Seamstresses  
 Sewing machine operators  
*Sewing machine operators (horse clothing)*  
*Sewing machine operators (oil-clothing)*  
*Sewing machine operators (shirts)*  
*Sewing machine operators (suspenders)*  
*Sewing machine operators (tailor work, custom)*  
 Shirt makers  
 Tailors  
*Tailors (custom work)*  
*Tailors (ready made clothing)*  
 Vest makers

## COOKING, LIGHTING, AND HEATING

## APPARATUS.

Finishers  
 Foremen  
*Finishers (lamp makers)*  
*Finishers (stove lining makers)*  
*Finishers (stove makers)*  
 Molders (stove foundries)  
*Molders (furnace makers)*  
*Molders (stove lining makers)*  
 Mounters (stoves)

## CORDAGE AND TWINE.

Rope makers  
 Spinners

## COTTON GOODS.

Back boys  
*Back tenders*  
 Balers  
 Ballers  
*Ball winders*  
 Band boys  
 Beamers

## COTTON GOODS — Con.

Bobbin boys  
 Boiler tenders  
 Burlers  
 Carders  
 Card grinders  
 Card strippers  
 Cloth room employés  
 Cloth trimmers  
 Combers  
 Doffers  
 Doublers  
 Drawers-in  
 Dressers  
 Dryers  
*Dryer tenders*  
 Engineers  
 Fillers  
 Filling carriers  
 Finishers  
 Firemen  
 Folders  
 Frame tenders  
 Lappers  
 Loom fixers  
 Machinery cleaners  
 Menders  
 Oilers  
 Overseers  
 Packers  
 Pickers  
 Quillers  
 Reelers  
 Roving hands  
 Second hands  
 Section hands  
 Shearers  
 Sizers  
*Starchers*  
 Slasher tenders  
*Slashers*  
 Slubber tenders  
*Slubbers*  
 Spare hands  
 Speeder tenders  
*Speeders*  
 Spinners  
 Spooler tenders  
*Spoolers*  
 Strippers



## CLASSIFICATION OF BRANCHES OF EMPLOYMENT — Continued.

## COTTON GOODS — Con.

Twisters  
Warpers  
Weavers  
Winders

## EARTHEN, PLASTER, AND STONE WARE.

Decorators (china and stone ware)

*China clay workers and china decorators*

## ELECTRICAL APPARATUS AND APPLIANCES.

Electricians

## ELECTROPLATING.

Platers (gold, silver, nickel, etc.)

## FLAX, HEMP, JUTE, AND LINEN GOODS.

Back boys  
Batchers  
Boiler tenders  
Carders  
Overseers  
Spinners  
Weavers

## FOOD PREPARATIONS.

Bakers  
Butchers

*Butchers (slaughter)*

*Butchers (slaughter and sell)*

Confectioners

Engineers

*Engineers (butter makers)*

*Engineers (canned food)*

*Engineers (confectionery)*

*Engineers (creamery and dairy)*

*Engineers (extracts and essences)*

*Engineers (flour mills)*

*Engineers (grist mills)*

*Engineers (slaughter houses)*

*Engineers (spice mills)*

*Engineers (sugar refineries)*

Firemen

Foremen

*Labellers (canned food)*

*Labellers (cracker bakery)*

*Labellers (pickle factory)*

Millers

Packers

## FURNITURE.

Cabinet makers  
Chair makers  
Finishers  
Foremen  
Furniture workers  
*Makers N. S.*  
Engineers  
Trimmers  
Mattress makers  
Packers  
Painters  
Upholsterers  
Varnishers

## GAS AND RESIDUAL PRODUCTS.

Firemen  
Foremen  
Gas makers  
*Gas makers in manufacturing establishments*  
*Gas works employes*

## GLASS.

Blowers  
Cutters  
Engineers  
Engravers  
*Decorators*  
*Glass works employes N. S.*  
Finishers  
Flatteners  
Gaffers  
Gatherers  
Glass workers  
Mixers  
*Mold clearers*  
Mold holders  
Mold makers  
Pot fillers  
Pot makers  
Pressers  
Stickers-up  
Teasers  
Packers

## GLUE, ISINGLASS, AND STARCH.

Glue makers

## HAIR WORK (ANIMAL AND HUMAN).

Hair workers

## CLASSIFICATION OF BRANCHES OF EMPLOYMENT — Continued.

## HOSE: RUBBER, LINEN, ETC.

Hose makers (rubber)

## HOSIERY AND KNIT GOODS.

Boarders

*Folders*

Hosiery makers

Knitters

Overseers

Packers

Seamers

Spinners

IVORY, BONE, SHELL, AND HORN  
GOODS, ETC.

Turners

## LEATHER.

Beamsters

Belt makers

Blackers

Curriers

Finishers

*Leather workers N. S.*

Dressers

Rollers

Scourers

Shavers

Skivers

Splitters

Tanners

*Tannery employés N. S.*

Bark grinders

Whiteners

Yard hands

LIQUORS AND BEVERAGES (NOT  
SPIRITUOUS).*Bottlers (tonic and soda water)**Bottle washers (tonic and soda water)*LIQUORS: MALT, DISTILLED, AND  
FERMENTED.

Bottlers

Bottle washers

Brewers and maltsters

*Brewers*

Firemen

Kettlemen (brewery)

## LUMBER.

*Employés N. S.*

Edgers

Matchers

## LUMBER — Con.

Firemen

Sawyers

## MACHINES AND MACHINERY.

Boiler makers

Boiler makers' helpers

Flangers

Foremen

Lathe operators

*Lathe tenders*

Machinists

Machinists' helpers

*Machine shop employés N. S.*

Cleaners (castings)

Engineers

Molders

Millwrights

*Pump and block makers*

Pump makers

Riveters

*Riveters (boiler works)*

## METALS AND METALLIC GOODS.

Blacksmiths

Blacksmiths' helpers

Horseshoers

Brass finishers

*Brass founders**Brass workers N. S.*

Lacquerers

Braziers

Burnishers

Coppersmiths

Core makers

Cupolamen

Die makers and sinkers

*Die makers*

Enamellers

Engravers

Feeders

*Feeders (nail makers)*

Finishers

*Finishers (cutlery)**Finishers (iron)**Finishers (rolling mill)**Finishers (screws)**Finishers (silver plated ware)**Finishers (steel)**Finishers (tin)*

## CLASSIFICATION OF BRANCHES OF EMPLOYMENT — Continued.

## METALS AND METALLIC GOODS — Con.

## Finishers — Con.

*Finishers (type foundry)**Finishers (wire)*

## Firemen

## Foremen

## Forgers

*Forgers (cutlery)**Forgers (iron)**Forgers (razors)**Forgers (spikes)**Forgers (steel)**Forgers (tin)**Forgers (wire)*

## Founders

## Furnacemen

## Gold beaters

*Gold and gold leaf workers*

## Grinders (castings)

*Grinders (brass)**Grinders (cutlery)**Grinders (metals)**Grinders (razors)**Grinders (tacks)*

## Hafters

*Hafters (cutlery)*

## Heaters

## Heaters' helpers

*Iron founders*

## Iron workers

## Japanners

*Labellers (razor makers)*

## Locksmiths

## Machine tenders

*Machine tenders (nails)**Machine tenders (rivet makers)**Machine tenders (screw makers)**Machine tenders (steel)**Machine tenders (tack)**Machine tenders (wire)*

## Metal workers N. S.

Annealers

Buffers

Casters

Drillers

Engineers

Galvanizers

Hammermen

Melters

Melters' helpers

## METALS AND METALLIC GOODS — Con.

## Metal Workers N. S. — Con.

Rollers

Solderers

Stampers

Turners

Weighers

## Molders

Molders' helpers

Nail makers

Needle makers

Packers

Planers (iron)

Polishers

Puddlers

Roughers

*Roughers (iron)**Roughers (rolling mill)*

Screw makers

Silversmiths

Stockers

Straighteners

*Straighteners (cutlery)**Straighteners (hinges)**Straighteners (iron)**Straighteners (needles)**Straighteners (wire)*

Tack makers

Temperers

*Temperers (cutlery)**Temperers (needles)**Temperers (steel)**Temperers (wire)*

Tin and sheet iron workers

Tinsmiths

Tinware makers

Trimmers

*Trimmers (brass)**Trimmers (britannia workers)**Trimmers (copper)**Trimmers (cutlery)**Trimmers (silver plated ware)**Trimmers (tin)**Trimmers (wire)*

Weavers (wire cloth)

Wire drawers

Wire workers

## MIXED TEXTILES.

Operatives N. S.

Weavers

## CLASSIFICATION OF BRANCHES OF EMPLOYMENT — Continued.

## MODELS, LASTS, AND PATTERNS.

Model makers

Pattern makers

## MUSICAL INSTRUMENTS AND MATERIALS.

Action makers (organs)

Action makers (pianos)

Action regulators (pianos and organs)

Case makers (pianos)

Finishers (pianos)

Key makers (organs)

Key makers (pianos)

*Organ makers N. S.*

Bellows makers (organs)

Sounding board makers (pianos)

Tuners (musical instruments)

*Organ tuners*    *Piano tuners*

## PAPER AND PAPER GOODS.

Back tenders

Bag makers (paper)

Boiler tenders

Calenderers

Cutters

Finishers

Firemen

Foremen

*Labellers*

Loftmen

*Loft tenders*

Machine tenders

Machine tenders' helpers

*Operatives N. S.*

Color mixers

Folders

Sealers

Trimmers

Packers

Rag engineers

Rag engineers' helpers

Rulers

Sizers

Sorters (rags)

## PHOTOGRAPHS AND PHOTOGRAPHIC MATERIALS.

Photographers

## POLISHES AND DRESSING.

*Labellers (blacking and polish makers)*

Varnish makers

## PRINTING, PUBLISHING, AND BOOK-BINDING.

Bookbinders

Compositors

Electrotypers

Feeders (press)

Finishers (bookbinding)

Folders (book)

Foremen

Lithographers

Pressmen

Printers N. S.

Proof readers

Stereotypers

## PRINT WORKS, DYE WORKS, AND BLEACHERIES.

Bleachers

Color mixers

Designers (textiles)

Sketchers (print works)

Dyers

Dyers' helpers

Folders

*Labellers*

Pantographers

Printers

## RAILROAD CONSTRUCTION AND EQUIPMENT.

*Car shop employes N. S.*

Molders

Foremen

## RUBBER AND ELASTIC GOODS.

Packers

## SADDLERY AND HARNESS.

Harness makers

Saddlers

## SCIENTIFIC INSTRUMENTS AND APPLIANCES.

Artificial limb makers

## SHIPBUILDING.

Calkers

Carpenters

Dubbers

Painters

Riggers

*Shipbuilders N. S.*

Spar makers



## CLASSIFICATION OF BRANCHES OF EMPLOYMENT — Continued.

## SILK AND SILK GOODS.

Ballers  
 Carders  
 Doublers  
 Dressers  
 Engineers  
 Finishers  
 Firemen  
 Loom fixers  
 Overseers  
 Packers  
 Pickers  
 Quillers  
 Reelers  
 Second hands  
 Spare hands  
 Spinners  
 Twisters  
 Warpers  
 Weavers  
 Winders

## STONE.

Cutters  
 Letterers (monuments)  
     *Letter cutters (marble)*  
 Marble workers  
 Quarrymen  
     *Quarrymen (granite)*  
     *Quarrymen (stone)*  
 Rubbers  
     *Rubbers (marble)*  
 Stone workers N. S.  
     Carvers  
     Drillers  
     Polishers

## TALLOW, CANDLES, SOAP, AND GREASE.

Soap makers

## TOBACCO, SNUFF, AND CIGARS.

Cigar makers  
 Packers  
 Rollers  
 Strippers

## TRUNKS AND VALISES.

Bag makers (leather)  
     *Bag and valise makers*  
 Trunk makers

## WHIPS, LASHES, AND STOCKS.

Whip makers

## WOODEN GOODS.

Basket makers  
 Carvers  
 Coopers  
 Cornice makers  
 Engravers  
 Foremen  
 Gilders (picture frames)  
 Machine tenders  
 Molding makers  
 Picture frame makers  
 Planers  
 Polishers  
 Surfacers  
 Turners  
 Veneers  
 Woodworkers N. S.

## WOOLLEN GOODS.

Back boys  
 Balers  
 Ballers  
 Band boys  
 Beamers  
 Bobbin boys  
 Boiler tenders  
 Burlers  
 Carders  
 Cloth room employés  
 Combers  
 Doffers  
 Doublers  
 Drawers-in  
 Dressers  
 Dryers  
 Engineers  
 Filling carriers  
     *Fillers*  
 Finishers  
 Firemen  
 Folders  
 Frame tenders  
 Fullers  
 Giggers  
 Lappers  
 Loom fixers  
 Machinery cleaners  
 Menders  
 Overseers  
 Packers

## CLASSIFICATION OF BRANCHES OF EMPLOYMENT — Continued.

## WOOLLEN GOODS — Con.

Pickers  
 Quillers  
 Reelers  
 Roving hands  
 Scourers  
 Second hands  
 Section hands  
 Shearers  
 Slasher tenders  
 Slubber tenders  
*Slubbers*  
 Sorters  
 Spare hands  
 Speeder tenders  
*Speeders*  
 Spinners  
 Spooler tenders  
*Spoolers*  
 Steamers  
 Strippers  
 Twisters  
 Warpers  
 Weavers  
 Winders

## WORSTED GOODS.

Balers  
 Ballers  
 Band boys  
 Burlers  
 Carders  
 Cloth room employés  
 Combers  
 Doffers  
 Doublers  
 Dressers  
 Dryers  
 Engineers  
 Finishers  
 Firemen  
 Folders  
 Frame tenders  
 Loom fixers  
 Menders  
 Overseers  
 Packers  
 Pickers  
 Quillers  
 Reelers  
 Second hands

## WORSTED GOODS — Con.

Section hands  
 Shearers  
 Spare hands  
 Spinners  
 Spooler tenders  
*Spoolers*  
 Twisters  
 Warpers  
 Weavers  
 Winders

## LABORERS.

## Laborers :

*National, city, and town service*

*Trade*

*Transportation*

*Agriculture*

*The fisheries*

## Manufactures :

*Agricultural implements*

*Arms and ammunition*

*Artisans' tools*

*Awings, sails, tents, etc.*

*Boots and shoes*

*Boxes (paper and wooden)*

*Brick, tiles, and sewer pipe*

*Brooms, brushes, and mops*

*Building*

*Buttons and dress trimmings*

*Carpetings*

*Carriages and wagons*

*Clocks, watches, and jewelry*

*Clothing*

*Cooking, lighting, and heating apparatus*

*Cordage and twine*

*Cotton goods*

*Earthen, plaster, and stone ware*

*Electrical apparatus and appliances*

*Electroplating*

*Flax, hemp, jute, and linen goods*

*Food preparations*

*Furniture*

*Gas and residual products*

*Glass*

*Glue, isinglass, and starch*

*Hair work (animal and human)*

*Hose : rubber, linen, etc.*

*Hosiery and knit goods*

*Ivory, bone, shell, and horn goods*

## CLASSIFICATION OF BRANCHES OF EMPLOYMENT — Concluded.

LABORERS — Con.		LABORERS — Con.	
Laborers — Con.		Laborers — Con.	
Manufactures — Con.		Manufactures — Con.	
Leather		Railroad construction and equip- ment	
<i>Liquors and beverages (not spirituous)</i>		<i>Rubber and elastic goods</i>	
Liquors: malt, distilled, and fer- mented		<i>Saddlery and harness</i>	
Lumber		<i>Scientific instruments and appliances</i>	
Machines and machinery		Shipbuilding	
Metals and metallic goods		<i>Silk and silk goods</i>	
<i>Mixed textiles</i>		Stone	
<i>Models, lasts, and patterns</i>		<i>Tallow, candles, soap, and grease</i>	
<i>Musical instruments and materials</i>		<i>Tobacco, snuff, and cigars</i>	
Paper and paper goods		<i>Trunks and valises</i>	
<i>Photographs and photographic ma- terials</i>		<i>Whips, lashes, and stocks</i>	
<i>Polishes and dressing</i>		Wooden goods	
<i>Printing, publishing, and bookbinding</i>		Woollen goods	
<i>Print works, dye works, and bleach- eries</i>		<i>Worsted goods</i>	
		Mining	
		Not classified	

We append a recapitulation showing the names of the classes of occupations considered, the number of branches of employment in each class printed in Roman type, in *Italic type*, and the totals of both classes.

CLASSES.	Number in Roman	Number in <i>Italics</i>	Total Number
Personal service, . . . . .	1	—	1
Transportation, . . . . .	1	—	1
Manufactures, . . . . .	560	166	726
Laborers, . . . . .	26	39	65
TOTAL, . . . . .	588	205	793

From the above recapitulation, it will be seen that the number of branches of occupation for which wage statistics were given in the reports from 1895 to 1898 was 588; while the number to be added in future reports of the Bureau is 205, making a total of 793 branches of occupation to be considered in future statistics of wages to be given in the Bureau reports.

We have stated that the number of different quotations of Graded Weekly Wages given in the Bureau reports from 1895

to 1898 was 473. The number shown in the recapitulation is 588, or an apparent excess of 115. This is not in reality an excess, but comes from the subdivision of combined employments; for instance, if in the tables for graded weekly wages, quotations were given for "Combers (cotton, wool, and worsted)," in the table on pages 253-262, three entries have been made to cover these combined employments, namely, "Combers (cotton)," "Combers (wool)," and "Combers (worsted)." The separation of the combined employments in all cases where they occur accounts for the variation between the figures 473 and 588.

Connected closely with the question of wages is that of prices, and we now consider the question of the prices of necessities of life, meaning those articles usually needed and used in the family for its daily sustenance, together with other articles and materials needed from time to time for the housing, clothing, care, and support of the members of the family. In previous reports of the Bureau, the subject of prices has received considerable attention, and for a complete bibliography of such presentations as contained in our reports, the reader is referred to pages 505 to 509 of the Bureau Report for 1898. Under the title "Wages," the following references are made to the presentations of statistics of prices in preceding reports:

Cost of Living. Bureau Report for 1871.

Cost of Living. Bureau Report for 1872.

Purchasing Power of Wages. Bureau Report for 1872.

Cost of Living. Bureau Report for 1873.

Prices of Provisions, Clothing, Rent, etc., in Massachusetts and Europe; Purchase-Power of Money. Part VI, Bureau Report for 1874.

Comparative Table, showing Cost of Groceries, Provisions, and Articles of Clothing and Dry Goods, in 1861 and 1873. Part VIII, Bureau Report for 1874.

Cost of Living Table. Massachusetts and Foreign Countries. Part VIII, Bureau Report for 1874.

Wages and Prices, 1860, 1872, and 1878. Part III, Bureau Report for 1879.

Wages, Prices, and Profits. 1860, 1872, 1878, and 1881. Part IV, Bureau Report for 1882.



Comparative Prices and Cost of Living: 1860-1883. Massachusetts and Great Britain. Part IV, Bureau Report for 1884.

Comparative Wages and Prices: 1860-1883. Massachusetts and Great Britain. Part III, Bureau Report for 1885.

Historical Review of Wages and Prices: 1752-1860. Part IV, Bureau Report for 1885.

Food Consumption. Quantities, Costs, and Nutrients of Food Materials. Part III, Bureau Report for 1886.

Comparative Wages and Prices: 1860-1897. Part I, Bureau Report for 1897.

The statistics of graded prices, as in the case of graded weekly wages, have been collated from all the official documents of the various States and countries which were in the possession of the Bureau at the time of preparing them. In order to show the names of the articles for which graded prices are given, the basis of weight or measurement, the number of different States and foreign countries represented, the number of quotations of prices obtained for each, and the total number of quotations supplied by both the United States and foreign countries, we present the following table:

ARTICLES.	Basis	UNITED STATES		FOREIGN COUNTRIES		Total Quotations
		States represented	Quotations	Countries represented	Quotations	
BOARD.		-	918	-	15	933
Board (females), . . . .	wk.	14	403	2	8	411
Board (males), . . . .	wk.	15	515	2	7	522
BOOTS AND SHOES.		-	958	-	113	1,071
Boots, men's . . . .	pair	15	705	5	25	730
Boots, women's . . . .	pair	3	26	5	10	36
Boots, children's . . . .	pair	6	48	1	4	52
Shoes, men's . . . .	pair	7	53	8	30	83
Shoes, women's . . . .	pair	8	60	8	26	86
Shoes, children's . . . .	pair	8	66	4	18	84
CEREALS, ETC.		-	3,686	-	659	4,345
Flour (buckwheat), . . . .	lb.	4	27	2	3	30
Flour (graham), . . . .	lb.	3	18	1	2	20
Flour (rye), . . . .	lb.	14	398	13	40	438
Flour (wheat), . . . .	lb.	25	1,472	37	220	1,692
Meal (corn), . . . .	lb.	24	593	12	19	612
Meal (rye), . . . .	lb.	2	41	2	7	48

ARTICLES.	Basis	UNITED STATES		FOREIGN COUNTRIES		Total Quotations
		States represented	Quotations	Countries represented	Quotations	
CEREALS, ETC. — Con.						
Oatmeal, . . . . .	lb.	11	65	7	74	139
Rice, . . . . .	lb.	24	880	28	184	1,064
Tobacco, . . . . .	lb.	7	192	9	110	302
DAIRY PRODUCTS.						
		—	2,630	—	653	3,283
Butter, . . . . .	lb.	25	1,109	36	354	1,463
Cheese, . . . . .	lb.	24	982	31	214	1,196
Milk, . . . . .	qt.	21	539	22	85	624
DRY GOODS, CLOTHING, ETC.						
		—	6,422	—	141	6,563
Blankets, . . . . .	pair	5	30	1	2	32
Calicoes and prints, . . . .	yd.	17	712	5	18	730
Coats, men's . . . . .	each	6	50	3	5	55
Cotton flannel, . . . . .	yd.	13	655	1	4	659
Flannel, . . . . .	yd.	9	103	3	9	112
Gingham, . . . . .	yd.	4	55	—	—	55
Gloves, . . . . .	pair	3	66	—	—	66
Hats, men's . . . . .	each	4	64	2	8	72
Hose (cotton, woollen, etc.), .	pair	6	101	2	8	109
Muslin, . . . . .	yd.	9	102	2	9	111
Muslin-de-laine, . . . . .	yd.	11	531	2	6	537
Overcoats, . . . . .	each	4	29	1	2	31
Pantaloon, . . . . .	pair	6	47	2	3	50
Satinets, . . . . .	yd.	12	571	—	—	571
Sheeting (bleached), . . . .	yd.	14	589	1	10	599
Sheeting (unbleached), . . .	yd.	13	580	1	10	590
Shirting (bleached), . . . .	yd.	14	675	2	11	686
Shirting (unbleached), . . .	yd.	14	626	2	8	634
Suits, men's . . . . .	each	5	40	3	12	52
Ticking, . . . . .	yd.	14	720	2	9	729
Towelling, . . . . .	yd.	5	25	—	—	25
Vests, . . . . .	each	4	23	2	3	26
Woollen dress goods, . . . .	yd.	5	28	1	4	32
FISH.						
		—	1,840	—	134	1,974
Cod, . . . . .	lb.	20	104	9	32	136
Cod (salt), . . . . .	lb.	19	693	16	28	721
Fish, n. s., . . . . .	lb.	10	95	15	46	141
Haddock, . . . . .	lb.	2	15	1	4	19
Halibut, . . . . .	lb.	2	43	1	2	45
Herring, . . . . .	doz.	3	27	3	12	39
Mackerel (fresh), . . . . .	lb.	7	63	1	1	64
Mackerel (salt), . . . . .	lb.	17	779	1	1	780
Salmon, . . . . .	lb.	3	21	2	8	29

ARTICLES.	Basis	UNITED STATES		FOREIGN COUNTRIES		Total Quotations
		States rep-resented	Quota-tions	Countries rep-resented	Quota-tions	
FOOD PRODUCTS.		-	10,126	-	1,247	11,373
Allspice, . . . . .	lb.	5	35	1	1	36
Apples (dried), . . . . .	lb.	10	67	5	12	79
Baking powder, . . . . .	lb.	6	25	-	-	25
Baking soda, . . . . .	lb.	5	67	2	3	70
Beans (dried), . . . . .	qt.	23	765	22	102	867
Beans, string (canned), . . . . .	can	4	25	-	-	25
Beef (dried), . . . . .	lb.	3	13	2	3	16
Chocolate, . . . . .	lb.	4	39	1	3	42
Cinnamon, . . . . .	lb.	6	22	2	3	25
Cloves, . . . . .	lb.	5	57	1	2	59
Cocoa, . . . . .	lb.	3	50	3	6	56
Coffee (green), . . . . .	lb.	19	693	6	13	706
Coffee (roasted), . . . . .	lb.	24	901	33	245	1,146
Corn (canned), . . . . .	can	7	37	1	1	38
Crackers, . . . . .	lb.	12	65	5	10	75
Cream of tartar, . . . . .	lb.	5	35	1	1	36
Currants, . . . . .	lb.	8	43	5	12	55
Ginger, . . . . .	lb.	5	49	-	-	49
Lard, . . . . .	lb.	24	1,064	25	109	1,173
Molasses, . . . . .	gal.	20	173	6	16	189
Molasses (New Orleans), . . . . .	gal.	19	824	1	4	828
Molasses (Porto Rico), . . . . .	gal.	13	514	1	4	518
Molasses (syrup), . . . . .	gal.	21	712	2	5	717
Mustard, . . . . .	lb.	4	30	1	1	31
Nutmegs, . . . . .	lb.	5	46	-	-	46
Peaches (canned), . . . . .	can	5	35	2	2	37
Peaches (dried), . . . . .	lb.	7	22	-	-	22
Pears (canned), . . . . .	can	4	21	-	-	21
Pease (dried), . . . . .	qt.	4	24	13	59	83
Pepper, . . . . .	lb.	6	63	5	6	69
Pickles, . . . . .	lb.	3	24	1	2	26
Plums (canned), . . . . .	can	4	21	-	-	21
Prunes, . . . . .	lb.	6	31	4	7	38
Raisins, . . . . .	lb.	10	105	4	9	114
Sago, . . . . .	lb.	3	17	1	7	24
Salt, . . . . .	lb.	8	171	15	86	257
Sugar, . . . . .	lb.	17	348	27	200	548
Sugar (brown), . . . . .	lb.	24	757	12	24	781
Sugar (granulated), . . . . .	lb.	19	102	22	45	147
Sugar (loaf), . . . . .	lb.	4	22	3	6	28
Sugar (powdered), . . . . .	lb.	5	15	1	2	17
Sugar (yellow), . . . . .	lb.	16	754	1	3	757
Tapioca, . . . . .	lb.	3	22	2	7	29

ARTICLES.	Basis	UNITED STATES		FOREIGN COUNTRIES		Total Quotations
		States rep-resented	Quota-tions	Countries rep-resented	Quota-tions	
FOOD PRODUCTS — Con.						
Tea, . . . . .	lb.	23	957	30	193	1,150
Tea (black), . . . . .	lb.	10	87	5	15	102
Tea (green), . . . . .	lb.	9	60	1	1	61
Tomatoes (canned), . . . . .	can	8	35	2	2	37
Vinegar, . . . . .	gal.	8	82	5	15	97
FRUITS.						
		—	184	—	8	192
Apples, . . . . .	bu.	4	99	3	5	104
Cranberries, . . . . .	qt.	4	25	1	2	27
Lemons, . . . . .	doz.	3	60	1	1	61
FUEL.						
		—	1,598	—	177	1,775
Coal (anthracite), . . . . .	ton	20	527	8	46	573
Coal (bituminous), . . . . .	ton	19	385	7	96	481
Wood, . . . . .	cord	20	686	6	35	721
LAUNDRY SUPPLIES.						
		—	1,553	—	172	1,725
Soap, . . . . .	lb.	24	818	14	95	913
Starch, . . . . .	lb.	23	735	12	77	812
LIGHT.						
		—	511	—	48	559
Oil (kerosene), . . . . .	gal.	19	511	18	48	559
MEATS.						
		—	10,650	—	1,632	12,282
Beef (corned), . . . . .	lb.	17	648	11	35	683
Beef (roasting pieces), . . . . .	lb.	23	795	32	209	1,004
Beef (soup pieces), . . . . .	lb.	16	614	21	152	766
Beefsteak, . . . . .	lb.	21	712	17	85	797
Lamb, . . . . .	lb.	7	51	6	22	73
Liver, . . . . .	lb.	3	17	—	—	17
Mutton, . . . . .	lb.	14	128	33	192	320
Mutton (chops), . . . . .	lb.	15	562	8	23	585
Mutton (forequarter), . . . . .	lb.	13	579	8	24	603
Mutton (hindquarter), . . . . .	lb.	5	16	8	21	37
Mutton (leg), . . . . .	lb.	15	571	2	6	577
Pork, . . . . .	lb.	21	863	38	217	1,080
Pork (bacon), . . . . .	lb.	18	646	23	123	769
Pork (corned), . . . . .	lb.	19	928	15	73	1,001
Pork (hams), . . . . .	lb.	24	981	22	118	1,099
Pork (sausages), . . . . .	lb.	22	638	6	35	673
Tripe, . . . . .	lb.	2	30	1	4	34
Veal, . . . . .	lb.	14	154	29	213	367
Veal (cutlet), . . . . .	lb.	13	574	10	26	600
Veal (forequarter), . . . . .	lb.	13	580	8	24	604
Veal (hindquarter), . . . . .	lb.	13	563	10	30	593



ARTICLES.	Basis	UNITED STATES		FOREIGN COUNTRIES		Total Quotations
		States represented	Quotations	Countries represented	Quotations	
POULTRY PRODUCTS.		-	1,013	-	352	1,365
Chickens, . . . . .	lb.	6	45	18	42	87
	pair	1	1	12	38	39
Eggs, . . . . .	doz.	23	901	31	212	1,113
Fowls, . . . . .	lb.	1	6	-	-	6
	pair	3	6	7	21	27
Turkeys, . . . . .	lb.	4	54	3	8	62
	pair	-	-	12	31	31
RENTS.		-	1,625	-	67	1,692
Rent (1 room), . . . . .	mo.	5	37	2	4	41
Rent (2 rooms), . . . . .	mo.	7	56	2	8	64
Rent (3 rooms), . . . . .	mo.	9	84	7	11	95
Rent (4 rooms), . . . . .	mo.	18	635	11	28	663
Rent (5 rooms), . . . . .	mo.	7	77	1	4	81
Rent (6 rooms), . . . . .	mo.	18	584	3	12	596
Rent (7 rooms), . . . . .	mo.	8	83	-	-	83
Rent (8 rooms), . . . . .	mo.	7	45	-	-	45
Rent (10 rooms), . . . . .	mo.	5	24	-	-	24
VEGETABLES (GREEN).		-	1,303	-	448	1,751
Cabbage, . . . . .	head	6	30	13	45	75
Corn, . . . . .	bu.	8	183	9	36	219
Onions, . . . . .	bu.	8	52	14	22	74
Pease (green), . . . . .	pk.	6	35	5	20	55
Potatoes, . . . . .	bu.	24	912	36	294	1,206
Potatoes (sweet), . . . . .	bu.	3	46	6	9	55
Tomatoes, . . . . .	pk.	4	7	3	6	13
Turnips, . . . . .	bu.	5	38	6	16	54

CLASSIFICATION.	QUOTATIONS		
	From United States	From Foreign Countries	Total
Board, . . . . .	918	15	933
Boots and shoes, . . . . .	958	113	1,071
Cereals, etc., . . . . .	3,686	659	4,345
Dairy products, . . . . .	2,630	653	3,283
Dry goods, clothing, etc., . . . . .	6,422	141	6,563
Fish, . . . . .	1,840	134	1,974
Food products, . . . . .	10,126	1,247	11,373
Fruits, . . . . .	184	8	192
Fuel, . . . . .	1,598	177	1,775

CLASSIFICATION.	QUOTATIONS		
	From United States	From Foreign Countries	Total
Laundry supplies, . . . . .	1,553	172	1,725
Light, . . . . .	511	48	559
Meats, . . . . .	10,650	1,632	12,282
Poultry products, . . . . .	1,013	352	1,365
Rents, . . . . .	1,625	67	1,692
Vegetables (green), . . . . .	1,303	448	1,751
TOTALS, . . . . .	45,017	5,866	50,883

From the preceding recapitulation, it will be seen that the total number of quotations of prices represented in the tables of Graded Prices which follow was 50,883, of which 45,017 were supplied by the States of the Union, and 5,866 by Foreign Countries. Of the fifteen general classifications of prices, the largest number of quotations appears under the heading "Meats," for which 12,282 quotations were supplied, of which 10,650 were from the United States, and 1,632 from Foreign Countries. The next largest representation of quotations was under the heading "Food Products," for which 11,373 were supplied, 10,126 being from States of the Union, and 1,247 from Foreign Countries.

The smallest number of quotations appears under the heading "Fruits," the whole number being 192, of which 184 were from States of the Union, and eight from Foreign Countries.

We quote from Part II of the Bureau Report for 1895, as follows, relating to the questions of wages and prices which are intimately connected.

"The closely related subject of prices, or cost of living, has also engaged the attention of the Bureau, and its past reports contain large contributions to the statistical side of the question. It is evident that the real measure of value of a workingman's earnings, or his *real* wages, as distinguished from his nominal or money wages, are the commodities that his earnings will buy. His ideal condition would apparently be found wherever high wages and low prices rule. But there are various factors which affect wages and prices, and these must be so adjusted that low prices for certain products will not necessarily mean low wages for the workingman engaged in their production. For obvious reasons, earnings are higher in certain industries than in others, but it is essential to general industrial prosperity that the earnings in no industry or occupation should be forced below the amount necessary for the comfortable maintenance of the worker and the family dependent upon him.

Closely allied to prices or cost of living is the subject of the purchase-power of money, or the quantity which a given sum, usually, so far as the Bureau reports are concerned, one dollar, will buy, of the same article, in different localities. The dollar which is used in such comparisons, in the Bureau reports, is the standard gold dollar of the United States, in order that fluctuations due to currency values, which may differ at different periods, may be eliminated as far as possible."

We quote next from "Prices of Provisions, etc., in Massachusetts and Europe; Purchase-Power of Money" which formed Part VI of the Report for 1874.

"Where prices are given, we mean for a good fair article, unless especially stated otherwise; and although many in comparing our figures with their actual expense may discover seeming discrepancies, nevertheless they would find that they were caused by some corresponding discrepancy in quality. It is, of course, impossible to give a price that can be verified in every town in the State: we have aimed at a standard price, and it is sufficiently accurate and reliable for our purpose.

We mean by the purchase-power of money, what a given sum will buy in different locations.

If ten dollars in Pittsfield will purchase a barrel of flour, and in Boston only three-fourths of a barrel, then, assuming that the same currency has been employed, the purchase-power of ten dollars is greater in Pittsfield than in Boston.

We consider the tables, in this part of our report, of great value, for they show as clearly as any statistics possibly can, what a man's wages in one part of the world of manufactures would be worth to him in another part, provided his tastes and manner of living remained the same. By the same tables, he would be enabled to ascertain how much he might change his mode of life by removal to some other location. Each person making such estimates, must also bear in mind his chances of health and the various conditions which *he* considers essential to his well-being."

To further illustrate the consideration given by the Bureau to this subject, we make the following extract from Part IV, Bureau Report for 1882.

"No comparison as to the prosperity of industrial communities can be just, that does not take into consideration the relative ease with which the workingmen in those communities may procure the means of subsistence, and the relative amount of comfort attainable for a given outlay of time and effort.

Statistics of wages and cost of living, therefore, furnish the essential elements for such comparisons, and they are of vital importance in every economic discussion.

At the same time, the fluctuations of the market, the introduction of new and improved machinery, changes in the character of our industrial popu-

lation, and other causes, render it desirable that such statistics be taken at frequent intervals, or regularly recurring periods, that they may be reliable, and all variations noted. They should, at least, be taken as often as rates are adjusted upon an apparently normal basis."

The method of presentation of the statistics of Graded Prices is simple. In the first column in the table (see page 272) the names of articles, States, and countries are mentioned. The names of the general classification of the articles for which prices are given appear in small capitals, while under this heading the names of the different articles are given in full face type. Under the subheading *United States*, which is printed in *Italic type*, are given the names of the different States, while under the subheading *Foreign Countries*, which is also printed in *Italic type*, appear the names of the foreign countries.

The second column in the presentation contains the basis or unit of weight or measurement; as, for instance, pound, yard, gallon, peck, quart, ton, etc., as the case may be.

In the third column is given the year. As previously stated, it does not follow that all the years from 1816 to 1891 appear in connection with any single presentation, but taking all the presentations as a whole, the entire range previously referred to is covered.

The fourth column indicates the grade. There are five grades used, as follows: High, Medium High, Medium, Medium Low, and Low. These grades are indicated, typographically, as shown below:

H	.	.	.	.	.	.	.	.	.	.	High.
mh	.	.	.	.	.	.	.	.	.	.	Medium High.
M	.	.	.	.	.	.	.	.	.	.	Medium.
ml	.	.	.	.	.	.	.	.	.	.	Medium Low.
L	.	.	.	.	.	.	.	.	.	.	Low.

The fifth column contains the prices expressed in dollars, cents, and fractions of cents. Where the foreign quotations were given in the money of that country, they have been reduced to United States standard, according to the plan followed by the United States Treasury Department, and due attention has been paid to currency quotations. They have been brought in all cases to the gold standard, for purposes of comparison.



## GRADED PRICES.

[ABBREVIATIONS.—Quart—qt.; gallon—gal.; peck—pk.; bushel—bu.; pound—lb.; dozen—doz.; yard—yd.; week—wk.; month—mo.]

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
BOARD.					BOARD—CON.				
Board (FEMALES).					Board (FEMALES) — CON.				
United States.					United States—Con.				
Connecticut, . . .	wk.	1854	M	\$1.50	Illinois, . . .	wk.	1873	M	\$3.50
		1860	M	1.50			1874	L	3.00
		1861	M	1.50				H	4.37 $\frac{1}{2}$
		1862	M	1.50				M	3.50
		1863	M	1.50			1875	L	3.00
		1864	M	2.00				H	3.50
		1865	M	2.00			1876	L	3.00
		1866	M	2.50				H	3.50
		1867	M	2.50			1876	L	3.00
		1868	M	2.50			1877	M	3.00
		1869	M	2.50			1878	M	3.00
		1870	H	4.00			1879	M	3.00
			L	2.50			1880	H	3.50
		1871	M	2.50				L	3.00
		1872	M	2.50	Indiana, . . .	wk.	1861	M	3.00
		1873	M	2.50			1862	M	4.00
		1874	H	7.00			1863	M	4.00
			mh	6.00			1864	M	4.00
			M	5.00			1865	M	4.00
			ml	3.50			1866	M	4.00
			L	2.25			1867	M	4.00
		1875	H	5.00			1868	M	4.00
			mh	4.00			1869	M	4.00
			M	3.50			1870	M	4.00
			ml	2.75			1871	H	3.50
			L	2.00				L	3.00
		1876	M	2.50			1872	H	3.50
		1877	M	2.50				L	3.00
		1878	M	2.25			1879	H	3.50
		1879	M	2.25				L	3.00
		1880	H	3.50			1880	H	3.50
			L	2.25				L	3.00
Illinois, . . .	wk.	1856	M	1.50	Iowa, . . .	wk.	1861	M	2.00
		1857	M	1.50			1862	M	2.00
		1858	H	3.00			1863	M	2.00
			L	1.50			1864	M	3.00
		1859	M	3.00			1865	M	3.00
		1861	H	4.00			1866	M	3.00
			L	2.00			1867	M	3.00
		1862	H	4.00			1868	M	3.50
			L	2.00			1869	M	3.50
		1863	H	4.00			1870	M	4.00
			L	2.00			1871	M	3.50
		1864	H	4.00			1872	M	3.50
			L	2.00			1873	M	3.50
		1865	H	4.00			1874	M	3.50
			L	2.50			1875	M	3.50
		1866	H	4.00			1876	M	3.50
			L	2.50			1877	M	4.00
		1867	H	4.00			1878	M	4.00
			L	2.50			1879	M	4.00
		1868	H	4.00			1880	M	4.00
			L	2.50	Kansas, . . .	wk.	1871	M	4.00
		1869	H	4.00			1872	M	4.00
			L	2.50			1873	M	3.50
		1870	H	4.00			1874	M	3.50
			M	3.00			1875	M	3.50
			L	2.50			1876	M	4.00
		1871	H	4.00			1877	M	4.00
			M	3.50			1878	M	4.00
			L	3.00			1879	M	4.00
		1872	H	4.00			1880	M	4.00
			M	3.50	Kentucky, . . .	wk.	1851	M	2.50
			L	3.00			1852	M	2.50
		1873	H	4.00			1853	M	2.50

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
BOARD — Con.					BOARD — Con.				
Board (FEMALES)					Board (FEMALES)				
— Con.					— Con.				
United States-Con.					United States-Con.				
Kentucky, . . . wk.		1854	M	\$2.50	Missouri, . . . wk.		1879	L	\$3.00
		1855	M	2.50			1880	H	4.00
		1856	M	3.00				L	2.75
		1857	M	3.00			1867	M	4.12
		1858	M	3.00	New Jersey, . . wk.		1869	M	3.93
		1859	M	3.00			1874	M	3.75
		1860	M	3.00			1888	H	4.00
		1861	M	3.00				mh	3.50
		1862	M	3.00				M	3.00
		1863	M	4.00				ml	2.50
		1864	M	5.00				L	2.00
		1865	M	5.00			1867	M	3.75
		1866	M	5.00	New York, . . . wk.		1869	M	3.50
		1867	M	4.00			1872	M	4.50
		1868	M	4.00			1873	M	4.50
		1869	M	4.00			1874	H	4.50
		1870	M	4.00				L	3.21
		1871	M	3.00			1875	M	4.25
		1872	M	3.00			1876	M	4.25
		1873	M	3.00			1877	M	4.25
		1874	M	3.00			1878	M	4.25
		1875	M	2.50			1879	M	3.50
		1876	M	2.50			1880	M	3.50
		1877	M	2.50	Ohio, . . . wk.		1851	H	2.00
		1878	M	2.50				L	1.25
		1879	M	2.50			1852	H	2.00
		1880	M	2.50				L	1.25
Massachusetts, . wk.		1880	H	4.50			1853	H	2.25
			mh	3.75				L	1.25
			M	3.25			1854	H	2.25
			ml	2.50				M	1.75
		1885	L	1.75				L	1.25
			H	4.50			1855	H	3.00
			mh	3.75				M	2.00
			M	3.25				L	1.25
			ml	2.50			1856	H	2.00
			L	1.75				L	1.50
		1891	H	4.50			1857	H	2.50
			mh	4.00				M	2.00
			M	3.00				L	1.50
			ml	2.50			1858	H	2.50
			L	1.75				M	2.00
Missouri, . . . wk.		1858	M	3.00				L	1.50
		1859	M	3.00			1859	H	2.50
		1860	M	3.00				M	2.00
		1861	M	3.50				L	1.50
		1862	M	4.00			1860	H	2.50
		1863	M	4.50				M	2.00
		1864	M	4.50				L	1.50
		1865	M	4.50			1861	H	3.00
		1866	M	3.50				L	1.50
		1867	M	3.50			1862	H	4.50
		1868	M	3.50				M	3.00
		1869	M	3.50				L	1.50
		1870	M	3.50			1863	H	4.50
		1871	H	5.00				mh	4.00
			L	3.00				M	3.00
		1872	H	5.00				L	2.50
			L	3.00			1864	H	5.00
		1873	H	4.00				mh	4.50
			L	3.00				M	3.50
		1874	H	3.50				L	3.00
			L	3.00			1865	H	5.00
		1875	M	3.00				M	4.50
		1876	M	3.00				L	3.50
		1877	H	3.00			1866	H	4.50
			L	2.50				M	4.00
		1878	H	3.00				L	3.50
			L	2.50			1867	H	4.50
		1879	H	4.00				M	4.00

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
BOARD — Con.					BOARD — Con.				
<b>Board (FEMALES)</b> — Con.					<b>Board (FEMALES)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Ohio, . . . . .	wk.	1867	L	\$2.50	Pennsylvania, . . . . .	wk.	1862	M	\$2.00
		1868	H	4.50			1863	M	2.25
			M	4.00			1864	M	2.50
			L	2.50			1865	M	3.00
		1869	H	4.50			1866	M	3.00
			M	4.00			1867	M	3.16
			L	2.50			1868	M	3.00
		1870	H	4.50			1869	M	3.00
			M	4.00			1870	M	2.75
			L	1.50			1871	M	3.00
		1871	H	5.00			1872	M	3.00
			mh	4.00			1873	M	3.00
			M	3.50			1874	H	3.59
			ml	3.00				L	2.75
			L	2.00			1875	H	3.60
		1872	H	5.00				L	2.75
			mh	4.00			1876	H	5.00
			M	3.50				M	4.00
			ml	3.00				L	2.75
			L	2.00			1877	H	5.00
		1873	H	4.50				M	4.00
			mh	4.00				L	2.75
			M	3.50			1878	H	5.00
			ml	3.00				M	4.00
			L	2.00				L	2.50
		1874	H	4.50			1879	H	5.00
			M	3.50				M	3.50
			ml	3.00				L	2.50
			L	2.00			1880	H	5.00
		1875	H	4.00				M	3.50
			mh	3.50				L	2.50
			M	3.00	Tennessee, . . . . .	wk.	1851	M	3.00
			L	2.00			1870	M	6.00
		1876	H	4.00			1879	M	5.00
			mh	3.50			1880	M	6.00
			M	3.00	West Virginia, . . . . .	wk.	1852	M	1.25
			L	2.00			1853	M	1.25
		1877	H	4.50			1854	M	1.25
			M	3.50			1855	M	1.25
			ml	3.00			1856	M	1.25
			L	2.00			1857	M	1.50
		1878	H	4.00			1858	M	1.50
			mh	3.50			1859	M	1.50
			M	3.00			1860	M	1.25
			ml	2.50			1861	M	1.75
			L	2.00			1862	M	2.00
		1879	H	3.50			1863	M	2.00
			M	3.00			1864	M	2.00
			ml	2.50			1865	M	2.00
			L	2.00			1866	M	2.00
		1880	H	3.50			1867	M	2.00
			M	3.00			1868	M	2.00
			ml	2.50			1869	M	2.00
			L	2.00			1870	M	2.00
Pennsylvania, . . . . .	wk.	1851	H	2.50			1871	M	1.50
			L	2.00			1872	M	1.50
		1852	H	2.50			1873	M	2.00
			L	2.00			1874	M	2.00
		1853	H	2.50			1875	M	2.00
			L	2.00			1876	M	2.00
		1854	H	2.50			1877	M	2.00
			L	2.00			1878	M	2.00
		1855	H	3.00			1879	M	2.00
			L	2.00			1880	M	2.00
		1856	M	2.00					
		1857	M	2.00	Foreign Countries.				
		1858	M	2.00	England, . . . . .	wk.	1878	H	2.88
		1860	M	2.00				M	2.16
		1861	M	1.75				L	1.44

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.						ARTICLES, STATES, AND COUN- TRIES.				
	Ba- sis	Year	Grade	Prices		Ba- sis	Year	Grade	Prices	
BOARD — Con.						BOARD — Con.				
Board (FEMALES)						Board (MALES)				
— Con.						— Con.				
Foreign Countries						United States—Con.				
— Con.										
England, . . .	wk.	1882	H	\$2.00	Illinois, . . .	wk.	1867	M	\$5.00	
			L	1.50				L	3.00	
		1883	H	1.92			1868	H	6.00	
			L	1.24				M	5.00	
Italy, . . .	wk.	1878	M	3.00				L	3.00	
							1869	H	6.00	
								M	5.25	
								L	3.00	
							1870	H	6.00	
								mh	5.50	
								M	5.00	
								L	3.00	
							1871	H	6.00	
								M	5.00	
								L	3.50	
							1872	H	6.00	
								M	5.00	
								L	3.50	
							1873	H	6.00	
								mh	5.50	
								M	5.00	
								ml	4.50	
								L	3.50	
							1874	H	6.00	
								mh	5.50	
								M	5.00	
								ml	4.50	
								L	3.50	
							1875	H	6.00	
								M	5.00	
								L	3.50	
							1876	H	6.00	
								M	5.00	
								ml	4.00	
								L	3.50	
							1877	H	6.00	
								M	5.00	
								L	3.50	
							1878	H	6.00	
								M	5.00	
								L	3.50	
							1879	H	6.00	
								M	5.00	
								L	3.50	
							1880	H	6.00	
								M	5.00	
								ml	4.00	
								L	3.50	
							1851	M	3.00	
							1852	M	3.00	
							1853	M	3.00	
							1854	M	3.00	
							1855	M	3.00	
							1856	M	3.00	
							1857	M	3.00	
							1858	M	3.00	
							1859	H	3.50	
								L	2.50	
							1860	H	3.50	
								L	2.50	
							1861	H	3.50	
								L	2.00	
							1862	H	4.00	
								L	2.00	
							1863	H	4.50	
								L	3.00	
							1864	H	5.00	
								L	2.50	
							1865	H	6.00	
								M	5.00	
								L	3.00	
							1866	H	6.00	
								M	5.00	
								L	3.00	
							1867	H	6.00	
								L	3.00	
								L	3.00	



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
BOARD — Con. Board (MALES) — Con. United States—Con. Indiana, . . . .	wk.	1885	H	\$5.00	BOARD — Con. Board (MALES) — Con. United States—Con. Kansas, . . . .	wk.	1879	M	\$4.00
			M	4.50			1880	M	4.50
			L	3.00			1851	M	4.00
		1866	H	5.00			1852	M	4.00
			mh	4.50			1853	M	4.00
			M	4.00			1854	M	4.00
			L	3.00			1855	M	4.00
		1867	H	5.00			1856	M	4.50
			M	4.00			1857	M	4.50
			L	3.00			1858	M	4.50
		1868	H	5.00			1859	M	4.00
			M	4.00			1860	M	4.00
			L	3.00			1861	M	4.00
		1869	H	5.00			1862	M	4.00
			M	4.00			1863	M	5.00
			L	3.00			1864	M	7.00
		1870	H	5.00			1865	M	7.00
			M	4.00			1866	H	7.00
			L	3.00				L	5.00
		1871	H	4.00			1867	H	6.00
			M	3.50				L	5.00
			L	3.00			1868	H	6.00
		1872	H	4.00				L	5.00
			M	3.50			1869	H	6.00
			L	3.00				L	5.00
		1873	M	4.00			1870	H	6.00
		1874	M	4.00				L	5.00
		1875	M	4.00			1871	H	5.00
		1876	H	4.00				L	4.00
			L	3.50			1872	H	5.00
		1877	H	4.00				L	4.00
			L	3.50			1873	H	4.50
		1878	H	4.00				L	4.00
			L	3.50			1874	H	4.50
		1879	H	4.00				L	4.00
			M	3.50			1875	H	4.50
			L	3.00				L	3.00
		1880	H	5.00			1876	H	4.50
			M	4.00				L	3.00
			ml	3.50			1877	H	4.00
			L	3.00				L	3.00
Iowa, . . . .	wk.	1861	M	2.50			1878	H	4.00
		1862	M	2.50				L	3.00
		1863	M	2.50			1879	H	4.00
		1864	M	3.00				L	3.00
		1865	M	3.00			1880	H	4.00
		1866	M	3.00				L	3.00
		1867	M	3.00			1880	H	5.00
		1868	M	3.50				mh	4.50
		1869	M	3.50				M	4.00
		1870	M	3.50				ml	3.25
		1871	M	4.00				L	2.75
		1872	M	4.00			1885	H	5.00
		1873	M	4.00				mh	4.50
		1874	M	4.00				M	4.00
		1875	M	4.00				ml	3.25
		1876	M	4.00				L	2.50
		1877	M	4.50			1891	H	6.00
		1878	M	4.50				mh	5.00
		1879	M	4.50				M	4.00
		1880	M	4.50				ml	3.25
Kansas, . . . .	wk.	1871	M	4.00				L	2.50
		1872	M	4.00			1858	M	3.00
		1873	M	3.50			1859	M	3.00
		1874	M	3.50			1860	M	3.00
		1875	M	3.50			1861	M	3.50
		1876	M	4.00			1862	M	4.00
		1877	M	4.00			1863	M	4.50
		1878	M	4.00			1864	M	4.50
		1879	M	4.00					
		1880	M	4.00					
		1881	M	4.00					
		1882	M	4.00					
		1883	M	4.00					
		1884	M	4.00					
		1885	M	4.00					
		1886	M	4.00					
		1887	M	4.00					
		1888	M	4.00					
		1889	M	4.00					
		1890	M	4.00					
		1891	M	4.00					
		1892	M	4.00					
		1893	M	4.00					
		1894	M	4.00					
		1895	M	4.00					
		1896	M	4.00					
		1897	M	4.00					
		1898	M	4.00					
		1899	M	4.00					
		1900	M	4.00					
		1901	M	4.00					
		1902	M	4.00					
		1903	M	4.00					
		1904	M	4.00					
		1905	M	4.00					
		1906	M	4.00					
		1907	M	4.00					
		1908	M	4.00					
		1909	M	4.00					
		1910	M	4.00					
		1911	M	4.00					
		1912	M	4.00					
		1913	M	4.00					
		1914	M	4.00					
		1915	M	4.00					
		1916	M	4.00					
		1917	M	4.00					
		1918	M	4.00					
		1919	M	4.00					
		1920	M	4.00					
		1921	M	4.00					
		1922	M	4.00					
		1923	M	4.00					
		1924	M	4.00					
		1925	M	4.00					
		1926	M	4.00					
		1927	M	4.00					
		1928	M	4.00					
		1929	M	4.00					
		1930	M	4.00					
		1931	M	4.00					
		1932	M	4.00					
		1933	M	4.00					
		1934	M	4.00					
		1935	M	4.00					
		1936	M	4.00					
		1937	M	4.00					
		1938	M	4.00					
		1939	M	4.00					
		1940	M	4.00					
		1941	M	4.00					
		1942	M	4.00					
		1943	M	4.00					
		1944	M	4.00					
		1945	M	4.00					
		1946	M	4.00					
		1947	M	4.00					
		1948	M	4.00					
		1949	M	4.00					
		1950	M	4.00					
		1951	M	4.00					
		1952	M	4.00					
		1953	M	4.00					
		1954	M	4.00					
		1955	M	4.00					
		1956	M	4.00					
		1957	M	4.00					
		1958	M	4.00					
		1959	M	4.00					
		1960	M	4.00					
		1961	M	4.00					
		1962	M	4.00					
		1963	M	4.00					
		1964	M	4.00					
		1965	M	4.00					
		1966	M	4.00					
		1967	M	4.00					
		1968	M	4.00					
		1969	M	4.00					
		1970	M	4.00					
		1971	M	4.00					
		1972	M	4.00					
		1973	M	4.00					
		1974	M	4.00					
		1975	M	4.00					
		1976	M	4.00					
		1977	M	4.00					
		1978	M	4.00					
		1979	M	4.00					
		1980	M	4.00					
		1981	M	4.00					
		1982	M	4.00					
		1983	M	4.00					
		1984	M	4.00					
		1985	M	4.00					
		1986	M	4.00					
		1987	M	4.00					
		1988	M	4.00					
		1989	M	4.00					
		1990	M	4.00					
		1991	M	4.00					
		1992	M	4.00					
		1993	M	4.00					
		1994	M	4.00					
		1995	M	4.00					
		1996	M	4.00					
		1997	M	4.00					
		1998	M	4.00					
		1999	M	4.00					
		2000	M	4.00					
		2001	M	4.00					
		2002	M	4.00					
		2003	M	4.00					
		2004	M	4.00					
		2005	M	4.00					
		2006	M	4.00					
		2007	M	4.00					
		2008	M	4.00					
		2009	M	4.00					
		2010	M	4.00					
		2011	M	4.00					

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
BOARD — Con. Board (MALES) — Con. United States—Con. Missouri, . . . .					BOARD — Con. Board (MALES) — Con. United States—Con. Ohio, . . . .				
wk.	1865	M	\$4.50		wk.	1855	M	\$2.75	
	1866	M	3.50				ml	2.25	
	1867	M	3.50				L	1.50	
	1868	M	3.50			1856	H	2.75	
	1869	M	3.50				L	1.75	
	1870	M	3.50			1857	H	2.75	
	1871	H	5.00				L	1.75	
		L	3.00			1858	H	2.75	
	1872	H	4.75				L	1.75	
		L	3.00			1859	H	2.75	
	1873	H	4.50				L	1.75	
		L	3.00			1860	H	2.75	
	1874	H	4.25				L	1.75	
		L	3.00			1861	H	3.00	
	1875	H	4.00				L	2.00	
		L	3.00			1862	H	4.50	
	1876	H	3.75				M	3.00	
		L	3.00				L	2.00	
	1877	H	3.75			1863	H	4.50	
		L	3.00				M	4.00	
	1878	H	3.50				ml	3.50	
		L	3.00				L	3.00	
	1879	H	4.00			1864	H	5.00	
		L	3.25				M	4.50	
	1880	H	4.00				ml	4.00	
		L	3.00				L	3.50	
New Jersey, . . . .	wk.	1867	M	4.74		1865	H	5.00	
		1869	M	4.72			M	4.50	
		1874	M	5.00			L	4.00	
New York, . . . .	wk.	1861	M	3.00		1866	H	4.50	
		1862	M	3.00			L	4.00	
		1863	M	3.00		1867	H	4.50	
		1864	M	3.00			M	4.00	
		1865	M	3.00			L	3.00	
		1866	M	3.00		1868	H	5.00	
		1867	M	3.00			mh	4.50	
		1868	M	3.00			M	4.00	
		1869	M	3.00			L	3.00	
		1870	M	3.00		1869	H	5.00	
		1871	M	3.00			mh	4.50	
		1872	M	4.75			M	4.00	
		1873	M	4.50			L	3.00	
		1874	M	5.00		1870	H	5.00	
			H	5.00			mh	4.50	
			L	4.29			M	4.00	
		1875	M	4.50			L	2.00	
		1876	M	4.50		1871	H	5.50	
		1877	M	4.50			mh	5.00	
		1878	M	4.50			M	4.50	
		1879	M	4.00			ml	3.50	
		1880	M	4.00			L	3.00	
North Carolina, . . . .	wk.	1888	H	4.62		1872	H	5.50	
			mh	3.69			mh	5.00	
			M	2.77			M	4.50	
			ml	1.84			ml	3.50	
			L	0.92			L	3.00	
Ohio, . . . .	wk.	1861	H	2.75		1873	H	5.00	
			M	2.00			M	4.00	
			L	1.50			ml	3.50	
		1862	H	2.75			L	3.00	
			M	2.00		1874	H	5.00	
			L	1.50			mh	4.50	
		1863	H	2.75			M	4.00	
			M	2.25			ml	3.50	
			L	1.50			L	3.00	
		1864	H	2.75		1875	H	4.50	
			M	2.25			M	4.00	
			L	1.50			ml	3.50	
		1865	H	4.00			L	3.00	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
BOARD — CON. Board (MALES) — CON. United States—CON. Ohio, . . . . .	wk.	1876	H M ml L H mh M ml L	\$4.50 4.00 3.50 3.00 5.00 4.50 4.00 3.50 3.00	BOARD — CON. Board (MALES) — CON. United States—CON. Pennsylvania, . . . . .	wk.	1878 1879	L H M ml L	\$4.00 5.00 4.50 4.00 3.50
		1877	H mh M ml L	5.00 4.50 4.00 3.50 3.00			1880	H M L	5.00 4.50 3.50
		1878	H M ml L	4.50 4.00 3.50 3.00	Tennessee, . . . . .	wk.	1851	M	2.50
		1879	H M L	4.00 3.50 3.00	West Virginia, . . . . .	wk.	1852 1853 1854 1855 1856 1857 1858 1859	M M M M M M M M	1.50 1.50 1.50 1.50 1.50 1.75 1.75 1.75
		1880	H M ml L	4.50 4.00 3.50 3.00			1860 1861 1862 1863 1864 1865 1866 1867 1868 1869	M M M M M M M M M	1.50 2.00 2.50 2.50 2.50 2.50 2.25 2.25 2.25
Pennsylvania, . . . . .	wk.	1851	H L	3.00 2.50			1870 1871 1872 1873 1874 1875 1876 1877 1878 1879 1880	M M M M M M M M M M	2.25 2.25 2.25 3.00 3.00 3.00 3.50 3.50 3.50 3.50
		1852	H L	3.00 2.50					
		1853	H L	3.00 2.50					
		1854	H L	3.00 2.50					
		1855	H L	3.50 2.50					
		1856	M	2.50					
		1857	M	2.50					
		1858	M	2.50					
		1859	H L	2.50 2.00					
		1860	M	2.50					
		1861	H L	3.00 2.50					
		1862	H L	3.50 2.50					
		1863	H L	4.00 3.50					
		1864	H L	5.00 4.00					
		1865	M	5.00					
		1866	M	5.00					
		1867	M	5.12					
		1868	H L	5.50 5.00					
		1869	H L	5.00 4.40					
		1870	M	5.00					
		1871	H L	6.00 5.00					
		1872	H L	6.00 5.00					
		1873	H L	5.50 5.00					
		1874	H L	5.50 4.75					
		1875	H L	5.00 4.75					
		1876	H L	5.00 4.00					
		1877	H M	5.00 4.50					
		1878	L H M	4.00 5.00 4.50					
					Foreign Countries.				
					England, . . . . .	wk.	1878	H L	3.85 2.88
							1882	H L	3.50 3.00
							1883	H L	3.60 2.88
					Italy, . . . . .	wk.	1878	M	4.00
					BOOTS AND SHOES.				
					Boots, men's.				
					United States.				
					Connecticut, . . . . .	pair	1851	M	2.50
							1859	M	2.75
							1860	H L	4.00 3.00
							1861	H M L	3.25 2.87 2.50
							1862	H M	3.50 3.00
							1863	H L	2.75 3.50 3.00

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>BOOTS AND SHOES</b> — Con.					<b>BOOTS AND SHOES</b> — Con.				
<b>Boots, men's</b> — Con.					<b>Boots, men's</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Connecticut, . . . pair	1864	H	\$4.00		Illinois, . . . pair	1858	H	\$3.50	
		M	3.75				M	2.25	
		L	3.50				L	1.50	
	1865	H	5.00			1859	H	3.50	
		L	4.00				M	2.50	
	1866	H	4.50				L	1.75	
		M	4.25			1860	H	4.50	
		L	4.00				M	3.50	
	1867	H	5.00				ml	2.50	
		M	4.25				L	2.00	
		L	3.75			1861	H	4.50	
	1868	H	4.50				M	2.75	
		M	4.00				ml	2.50	
		L	3.75				L	1.75	
	1869	H	5.00			1862	H	6.00	
		M	4.50				M	4.50	
		L	3.75				ml	3.00	
	1870	H	5.00				L	2.25	
		M	4.50			1863	H	7.00	
		L	3.75				M	5.00	
	1871	H	5.00				ml	3.50	
		M	4.00				L	3.00	
		L	3.50			1864	H	7.00	
	1872	H	4.75				M	5.00	
		M	4.00				ml	4.00	
		L	3.50				L	3.50	
	1873	H	4.50			1865	H	6.00	
		M	4.00				M	5.00	
		L	3.50				L	4.00	
	1874	H	14.00			1866	H	6.00	
		mh	12.00				mh	5.50	
		M	8.00				M	5.00	
		ml	5.25				ml	4.50	
		L	3.00				L	4.00	
	1875	H	8.00			1867	H	5.00	
		mh	7.00				L	4.00	
		M	5.50			1868	H	6.00	
		ml	4.25				M	5.00	
		L	3.50				L	3.75	
	1876	H	4.00			1869	H	5.00	
		L	3.50				L	3.75	
	1877	M	3.50			1870	H	5.00	
	1878	H	3.50				M	4.50	
		M	3.25				L	3.75	
		L	3.00			1871	H	5.00	
	1879	H	3.50				M	4.50	
		L	3.00				ml	4.00	
	1880	H	3.50				L	3.50	
		M	3.00			1872	H	5.00	
		L	2.50				M	4.50	
Illinois, . . . pair	1851	H	3.00				ml	4.00	
		M	2.50				L	3.50	
		L	1.50			1873	H	4.50	
	1852	H	3.00				M	4.00	
		L	1.50				L	3.00	
	1853	H	3.00			1874	H	4.50	
		L	1.75				M	3.75	
	1854	H	3.00				L	2.75	
		L	1.75			1875	H	4.50	
	1855	H	3.00				mh	4.00	
		L	1.75				M	3.50	
	1856	H	3.50				L	2.50	
		M	3.00			1876	H	4.00	
		L	1.75				M	3.50	
	1857	H	3.50				L	2.50	
		M	3.00			1877	H	4.00	
		ml	2.25				M	3.00	
		L	1.50				L	2.25	



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>Boots and Shoes</b> — Con.					<b>Boots and Shoes</b> — Con.				
<b>Boots, men's</b> — Con.					<b>Boots, men's</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Illinois, . . . pair		1878	H	\$4.00	Indiana, . . . pair		1864	L	\$4.00
			M	3.00			1865	H	7.50
			L	2.25				mh	7.00
		1879	H	4.00				M	5.50
			M	3.50				ml	4.50
			ml	3.00				L	4.00
			L	2.50			1866	H	7.50
		1880	H	4.00				mh	6.50
			M	3.50				M	5.50
			L	2.75				ml	5.00
Indiana, . . . pair		1851	H	4.50				L	4.00
			M	3.25			1867	H	7.50
			L	1.90				mh	7.00
		1852	H	4.50				M	5.50
			M	3.25				ml	5.00
			L	1.90				L	4.00
		1853	H	4.50			1868	H	7.00
			M	3.25				mh	6.00
			L	1.90				M	5.50
		1854	H	4.50				ml	4.75
			M	3.50				L	3.50
			ml	3.00			1869	H	7.00
			L	2.25				mh	6.00
		1855	H	4.50				M	5.25
			M	3.50				ml	4.00
			ml	3.00				L	3.50
			L	2.25			1870	H	7.00
		1856	H	4.50				mh	6.00
			M	3.50				M	5.25
			ml	3.00				ml	4.00
			L	2.25				L	3.50
		1857	H	4.50			1871	H	9.50
			M	3.50				mh	7.00
			ml	3.00				M	6.00
			L	2.25				ml	5.00
		1858	H	4.50				L	3.50
			M	3.50			1872	H	9.50
			ml	3.00				mh	7.00
			L	2.25				M	6.00
		1859	H	5.00				ml	5.00
			mh	4.50				L	3.50
			M	3.50			1873	H	9.50
			ml	3.00				mh	7.00
			L	2.25				M	5.50
		1860	H	5.00				ml	5.00
			mh	4.50				L	3.00
			M	3.50			1874	H	9.50
			ml	3.00				mh	7.00
			L	2.25				M	5.50
		1861	H	6.00				ml	5.00
			mh	5.00				L	2.75
			M	4.00			1875	H	9.50
			ml	3.00				mh	7.00
			L	2.25				M	5.50
		1862	H	6.00				ml	4.50
			mh	5.00				L	2.75
			M	4.50			1876	H	9.50
			ml	3.50				mh	7.00
			L	2.75				M	5.50
		1863	H	7.00				ml	4.50
			mh	6.00			1877	H	9.00
			M	5.50				M	5.50
			ml	4.50				ml	3.75
			L	3.50				L	2.50
		1864	H	8.00			1878	H	9.00
			mh	7.00				M	5.00
			M	6.00				ml	3.50
			ml	5.00					

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>BOOTS AND SHOES</b> — Con.					<b>BOOTS AND SHOES</b> — Con.				
<b>Boots, men's</b> — Con.					<b>Boots, men's</b> — Con.				
<i>United States-Con.</i>					<i>United States-Con.</i>				
Indiana, . . . . .	pair	1878	L	\$2.50	Missouri, . . . . .	pair	1858	L	\$2.50
		1879	H	9.00			1859	H	4.00
			M	5.00				L	2.50
			ml	4.00			1860	H	4.00
			L	2.25				L	2.50
		1880	H	7.50			1861	H	4.00
			mh	5.00				L	3.00
			M	4.50			1862	H	4.50
			ml	3.25				L	3.50
			L	2.00			1863	H	5.00
Iowa, . . . . .	pair	1861	M	3.50				L	4.00
		1862	M	5.50			1864	H	5.00
		1863	M	5.50				L	4.00
		1864	M	5.00			1865	H	5.00
		1865	M	5.00				L	4.00
		1866	M	5.00			1866	H	4.00
		1867	M	5.00				L	3.50
		1868	M	5.00			1867	H	4.50
		1869	M	5.00				M	4.00
		1870	M	5.00				L	3.50
		1871	M	5.00			1868	H	4.75
		1872	M	5.00				M	4.00
		1873	M	5.00				L	3.50
		1874	M	4.50			1869	M	4.25
		1875	M	4.50			1870	M	4.00
		1876	M	4.50			1871	M	3.75
		1877	M	4.00			1872	M	3.75
		1878	M	4.00			1873	M	3.75
		1879	M	4.00			1874	H	3.50
		1880	M	4.00				L	3.00
		1885	H	8.00			1875	H	3.50
			M	3.50				L	3.00
			L	2.25			1876	M	3.00
Kansas, . . . . .	pair	1871	M	2.75			1877	M	3.00
		1872	M	2.75			1878	H	3.00
		1873	M	2.50				L	2.50
		1874	M	2.50			1879	H	3.00
		1875	M	2.50				L	2.50
		1876	M	2.50			1880	H	3.00
		1877	M	2.50				L	2.50
		1878	M	2.25			1889	H	6.00
		1879	M	2.25				mh	4.50
		1880	M	2.25				M	3.50
Massachusetts, . . . . .	pair	1880	H	4.50				ml	2.00
			mh	3.87½				L	1.00
			M	3.25	New Jersey, . . . . .	pair	1880	H	3.50
			ml	2.75				L	1.50
			L	2.00			1861	H	3.50
		1885	H	4.00				L	1.50
			mh	3.50			1862	H	3.75
			M	3.00				L	2.00
			ml	2.50			1863	H	4.25
			L	2.00				L	2.50
		1891	H	4.00			1864	H	5.00
			mh	3.50				L	2.50
			M	2.75			1865	H	5.00
			ml	2.00				L	3.00
			L	1.25			1866	H	5.00
Minnesota, . . . . .	pair	1890	H	10.00				L	2.75
			M	6.00			1867	H	5.00
			ml	4.00				M	4.44
			L	2.00				L	2.75
Missouri, . . . . .	pair	1851	M	1.50			1868	H	5.00
		1852	M	1.50				L	2.75
		1853	M	1.50			1869	H	5.07
		1854	M	1.50				L	2.75
		1857	M	1.80			1870	H	5.00
		1858	H	4.00				L	2.50

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>BOOTS AND SHOES</b> — Con.					<b>BOOTS AND SHOES</b> — Con.				
<b>Boots, men's</b> — Con.					<b>Boots, men's</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
New Jersey, . . .	pair	1871	H	\$5.00	Ohio, . . .	pair	1856	H	\$6.00
			L	2.75				M	3.50
		1872	H	5.00				L	3.00
			L	2.75			1857	H	6.00
		1873	H	4.75				M	3.50
			L	2.50				L	3.00
		1874	H	4.75			1858	H	6.00
			L	2.25				M	3.50
		1875	H	4.75				L	3.00
			L	2.25			1859	H	6.00
		1876	H	4.75				M	3.50
			L	2.25				L	3.00
		1877	H	4.75			1860	H	6.00
			L	2.25				M	3.50
		1878	H	7.50				L	3.00
			mh	6.50			1861	H	4.00
			M	5.50				M	3.50
			ml	4.00				L	3.00
			L	2.00			1862	H	5.00
		1879	H	4.50				M	4.50
			L	2.00				L	4.00
		1880	H	4.50			1863	H	6.00
			L	2.00				M	5.00
New York, . . .	pair	1861	M	3.50				ml	4.50
		1862	M	3.50				L	4.00
		1863	M	4.00			1864	H	8.00
		1864	M	5.00				M	6.00
		1865	M	6.00				L	5.00
		1866	M	5.50			1865	H	7.00
		1867	H	5.50				M	6.00
			L	4.62				L	5.00
		1868	M	6.00			1866	H	7.00
		1869	H	6.00				M	6.00
			L	4.40				L	5.00
		1870	M	5.50			1867	H	6.00
		1871	M	5.50				M	5.00
		1872	M	5.50				L	4.00
		1873	M	5.00			1868	H	6.00
		1874	H	5.00				M	5.00
			M	4.22				L	4.00
			L	3.50			1869	H	6.00
		1875	H	5.00				mh	5.50
			L	3.25				M	5.00
		1876	H	4.50				L	4.00
			L	2.75			1870	H	5.50
		1877	H	4.50				M	5.00
			L	2.50				L	4.00
		1878	H	4.50			1871	H	5.50
			L	3.00				M	5.00
		1879	H	4.50				L	3.50
			L	2.75			1872	H	5.50
		1880	H	4.00				mh	5.00
			L	3.00				M	4.50
Ohio, . . .	pair	1851	H	6.00				L	3.00
			M	3.50			1873	H	5.00
			L	2.75				mh	4.50
		1852	H	6.00				M	4.00
			M	3.50				L	3.00
			L	3.00			1874	H	5.00
		1853	H	6.00				mh	4.50
			M	3.50				M	4.00
			L	3.00				L	3.00
		1854	H	6.00			1875	H	5.00
			M	3.50				mh	4.50
			L	3.00				M	4.00
		1855	H	6.00				L	3.00
			M	3.50			1876	H	5.00
			L	3.00				mh	4.50

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>BOOTS AND SHOES</b> — Con.					<b>BOOTS AND SHOES</b> — Con.				
<b>Boots, men's</b> — Con.					<b>Boots, men's</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Ohio, . . . . .	pair	1876	M	\$4.00	Pennsylvania, . . .	pair	1879	H	\$4.00
			ml	3.50			1880	L	3.00
		1877	L	2.50				H	4.00
			H	7.00			1886	M	6.00
			mh	6.00	Tennessee, . . .	pair	1870	M	4.50
			M	5.00			1872	M	6.00
			ml	3.75			1873	M	5.00
			L	2.25			1874	H	5.00
		1878	H	5.00				L	2.00
			mh	4.50			1875	H	6.00
			M	4.00				L	2.00
			ml	3.50			1876	H	4.50
			L	2.50				L	2.50
		1879	H	5.00			1877	H	3.50
			mh	4.50				L	2.50
			M	4.00			1878	M	3.00
			ml	3.50			1879	M	3.00
			L	3.00			1880	M	3.00
		1880	H	5.00	West Virginia, . .	pair	1851	H	3.50
			mh	4.50				L	2.50
			M	4.00			1852	H	3.50
			ml	3.50				L	2.50
			L	3.00			1853	H	3.50
		1882	H	5.50				L	2.50
			mh	4.50			1854	H	3.50
			M	3.50				L	2.50
			ml	3.00			1855	H	3.50
			L	1.50				L	2.50
		1883	H	4.46			1856	H	4.00
			L	3.87½				L	3.00
Pennsylvania, . .	pair	1851	M	3.50			1857	H	4.00
		1852	M	3.50				L	3.00
		1853	M	3.50			1858	H	4.00
		1854	M	3.50				L	3.50
		1855	M	3.50			1859	H	4.00
		1856	M	3.50				L	3.50
		1857	M	3.50			1860	H	4.00
		1858	M	3.50				L	3.50
		1859	M	3.50			1861	M	4.50
		1860	M	3.50			1862	H	6.00
		1861	M	3.50				L	5.00
		1862	M	3.50			1863	H	6.00
		1863	M	4.50				L	5.50
		1864	M	7.00			1864	M	6.00
		1865	M	6.00			1865	H	6.50
		1866	M	5.00				L	6.00
		1867	H	5.64			1866	H	7.00
			L	5.00				L	6.00
		1868	M	5.00			1867	H	6.50
		1869	H	5.12				L	5.50
			L	4.50			1868	H	6.00
		1870	M	4.00				L	5.00
		1871	M	4.00			1869	M	5.00
		1872	M	3.75				M	5.00
		1873	M	3.75			1870	M	5.00
		1874	H	4.40			1871	H	4.50
			L	3.75				L	3.50
		1875	H	4.25			1872	H	4.50
			L	3.75				L	3.50
		1876	H	5.00			1873	H	4.50
			M	4.00				L	3.50
			L	3.50			1874	H	4.50
		1877	H	5.00				L	3.50
			M	4.00			1875	M	4.25
			L	3.50			1876	M	4.00
		1878	H	5.00			1877	M	4.00
			M	4.00			1878	M	3.50
			L	3.00			1879	H	4.00



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>BOOTS AND SHOES</b> — Con.					<b>BOOTS AND SHOES</b> — Con.				
<b>Boots, men's</b> — Con.					<b>Boots, women's</b> — Con.				
<i>United States—Con.</i>					<i>Foreign Countries.</i>				
West Virginia, . . . pair		1879	L	\$3.50	Asia, . . . . . pair		1885	H	\$5.00
		1880	M	3.75				M	3.00
Wisconsin, . . . . . pair		1880	H	4.90				L	2.00
			L	3.70	England, . . . . . pair		1883	H	2.43
		1881	H	4.80				L	1.21
			L	3.60	France, . . . . . pair		1885	H	6.00
		1882	H	4.70				L	2.31
			L	3.50	Germany, . . . . . pair		1885	M	1.13
		1883	H	4.60	Italy, . . . . . pair		1885	H	2.40
			L	3.40				L	1.50
		1884	H	4.50					
			M	3.80	<b>Boots,</b> <b>children's.</b>				
			L	2.70	<i>United States.</i>				
<i>Foreign Countries.</i>					Connecticut, . . . . . pair		1874	H	6.00
Asia, . . . . . pair		1885	H	8.00				mh	3.50
			mh	6.00				M	3.00
			M	4.00				ml	1.50
			L	2.75				L	0.45
England, . . . . . pair		1873	M	2.64				H	3.00
		1878	H	6.06			1875	mh	2.25
			M	2.52				M	1.75
			L	2.04				ml	0.95
		1882	H	3.50				L	0.25
			L	2.50	Iowa, . . . . . pair		1885	H	4.00
		1883	H	5.76				M	2.50
			M	2.92				L	1.50
			L	1.70	Massachusetts, . . . . . pair		1848	M	1.75
Germany, . . . . . pair		1885	H	2.20			1850	H	4.25
			M	1.91				mh	3.50
			L	1.50				M	2.50
Italy, . . . . . pair		1885	H	8.00				ml	1.65
			mh	7.00				L	0.80
			M	5.00			1885	H	3.75
			ml	3.50				mh	3.00
			L	2.30				M	2.25
Sicily, . . . . . pair		1885	H	10.00				ml	1.75
			M	5.00				L	0.80
			ml	2.40			1891	H	3.50
			L	0.60				mh	2.75
<b>Boots, women's.</b>								M	2.00
<i>United States.</i>								ml	1.25
Connecticut, . . . . . pair		1874	H	6.00				L	0.50
			mh	5.00	Missouri, . . . . . pair		1889	H	3.00
			M	3.50				L	2.00
			ml	2.25	Ohio, . . . . . pair		1882	H	3.00
			L	0.50				mh	2.50
		1875	H	6.00				M	2.00
			mh	5.00				ml	1.75
			M	4.00				L	1.25
			L	2.50			1883	H	2.45
			ml	1.25				L	1.80
Massachusetts, . . . . . pair		1880	H	4.00	Wisconsin, . . . . . pair		1880	H	3.10
			mh	3.00				L	2.64
			M	2.50			1881	H	3.00
			ml	1.92				L	2.59
			L	1.25			1882	H	2.89
		1885	H	3.00				L	2.54
			mh	2.50			1883	H	2.80
			M	2.00				L	2.47
			ml	1.50			1884	H	2.70
			L	1.15				L	2.40
		1891	H	3.00	<i>Foreign Countries.</i>				
			mh	2.50	Germany, . . . . . pair		1885	H	1.43
			M	2.00				M	1.07
			ml	1.50				ml	0.72
Ohio, . . . . . pair		1877	M	2.50				L	0.48

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices
<b>BOOTS AND SHOES</b> — Con.					<b>BOOTS AND SHOES</b> — Con.				
<b>Shoes, men's.</b> <i>United States.</i>					<b>Shoes, men's</b> — Con.				
<i>Foreign Countries</i>					<i>Foreign Countries</i> — Con.				
Iowa, . . . . pair	1885	H	\$7.50		Italy, . . . . pair	1885	H	\$3.50	
		M	4.50				mh	2.80	
		L	1.50				M	2.50	
Massachusetts, . . pair	1880	H	3.50				ml	1.90	
		mh	2.75				L	1.40	
		M	2.25		Sicily, . . . . pair	1885	H	3.00	
		ml	1.75				M	1.60	
		L	1.12				ml	1.20	
	1885	H	3.00				L	0.60	
		mh	2.50		Spain, . . . . pair	1885	M	1.58 $\frac{1}{2}$	
		M	2.00		Switzerland, . . . pair	1881	M	2.70	
		ml	1.50			1885	H	5.00	
		L	1.00				mh	3.43	
	1891	H	3.00				M	3.08	
		mh	2.50				ml	1.93	
		M	2.00				L	1.16	
		ml	1.40		West Indies, . . . pair	1881	H	10.00	
		L	0.85				L	8.00	
Minnesota, . . . . pair	1890	H	8.00						
		mh	6.50		<b>Shoes, women's.</b> <i>United States.</i>				
		M	5.00		Iowa, . . . . . pair	1885	H	6.00	
		ml	3.00				M	2.75	
		L	1.50				L	1.00	
Missouri, . . . . . pair	1889	H	6.50				M	1.25	
		M	4.00		Massachusetts, . . . pair	1838	M	1.00	
		ml	2.50			1847	M	1.00	
		L	1.00			1880	H	2.75	
New Jersey, . . . . pair	1878	H	5.50				mh	2.25	
		M	3.50				M	1.75	
		ml	2.50				ml	1.25	
		L	1.25				L	0.75	
Ohio, . . . . . pair	1882	H	5.00				H	2.50	
		mh	3.50			1885	H	2.00	
		M	2.90				mh	1.50	
		ml	2.25				M	1.25	
		L	1.35				ml	0.75	
	1883	H	2.27 $\frac{1}{2}$				L	0.75	
		L	1.94 $\frac{1}{2}$			1891	H	3.00	
Wisconsin, . . . . . pair	1880	H	2.20				mh	2.50	
		M	1.70				M	2.00	
		L	1.45				ml	1.30	
	1881	H	2.15				L	0.75	
		M	1.65		Minnesota, . . . . . pair	1890	H	6.00	
		L	1.40				mh	5.00	
	1882	H	2.10				M	3.50	
		M	1.60				ml	2.50	
		L	1.35				L	1.50	
	1883	H	2.05		Missouri, . . . . . pair	1889	H	5.00	
		M	1.55				mh	4.00	
		L	1.30				M	3.00	
	1884	H	2.00				ml	2.00	
		M	1.50				L	1.00	
		L	1.25		New Jersey, . . . . . pair	1878	H	3.00	
<i>Foreign Countries.</i>							L	2.25	
Asia, . . . . . pair	1885	H	5.00		Ohio, . . . . . pair	1877	H	4.00	
		mh	4.00				mh	3.40	
		M	3.00				M	2.50	
		ml	2.50				ml	2.00	
		L	2.00			1878	L	1.25	
France, . . . . . pair	1885	H	3.10			1882	M	2.50	
		L	2.31				H	3.25	
Germany, . . . . . pair	1885	H	1.55				mh	2.90	
		mh	1.31				M	2.75	
		M	1.19				ml	2.45	
		ml	1.07			1883	L	2.00	
		L	0.77				H	2.90	
							L	2.45	
					Pennsylvania, . . . . . pair	1884	H	8.00	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>BOOTS AND SHOES</b> — Con.					<b>BOOTS AND SHOES</b> — Con.				
<b>Shoes, women's</b> — Con.					<b>Shoes,</b> <b>children's—Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Pennsylvania, . . . pair	1884	mh	\$6.00		Massachusetts, . . . pair	1891	ml	\$1.00	
		M	4.50				L	0.50	
		ml	3.00		Minnesota, . . . pair	1890	H	6.00	
		L	1.50				mh	5.00	
Wisconsin, . . . pair	1880	H	2.25				M	3.00	
		L	1.90				ml	1.50	
	1881	H	2.20				L	0.25	
		L	1.85		Missouri, . . . pair	1880	H	1.50	
	1882	H	2.15				M	1.00	
		L	1.80				ml	0.75	
	1883	H	2.10				L	0.40	
		L	1.75		New Jersey, . . . pair	1878	H	3.25	
	1884	H	2.05				M	2.50	
		L	1.70				ml	2.00	
							L	1.75	
<i>Foreign Countries.</i>					Ohio, . . . pair	1877	H	3.50	
Asia, . . . pair	1885	H	3.00				mh	2.50	
		L	1.75				M	2.00	
France, . . . pair	1885	H	3.86				ml	1.20	
		L	2.31				L	0.35	
Germany, . . . pair	1885	H	0.91			1882	H	1.75	
		L	0.77				mh	1.25	
Italy, . . . pair	1883	M	1.30				M	1.21½	
	1885	H	4.20				ml	0.85	
		mh	3.50				L	0.50	
		M	2.75			1883	H	1.21½	
		ml	1.90				L	0.93½	
		L	1.20		Pennsylvania, . . . pair	1884	H	3.25	
Sicily, . . . pair	1885	H	3.00				mh	2.50	
		L	2.00				M	2.00	
Spain, . . . pair	1885	H	1.75				ml	1.35	
		M	1.25				L	0.75	
		ml	1.16½		Wisconsin, . . . pair	1880	H	1.30	
		L	1.00				M	1.15	
Switzerland, . . . pair	1881	H	1.60				L	1.00	
		L	0.60			1881	H	1.25	
	1885	H	5.80				M	1.10	
		M	3.86				L	0.95	
		ml	2.32			1882	H	1.20	
		L	0.97				M	1.05	
West Indies, . . . pair	1881	H	10.00				L	0.90	
		L	8.00			1883	H	1.15	
							M	1.00	
<b>Shoes,</b> <b>children's.</b>							L	0.85	
<i>United States.</i>						1884	H	1.10	
							M	0.95	
							L	0.80	
Iowa, . . . pair	1885	H	4.00		<i>Foreign Countries.</i>				
		mh	3.50		Germany, . . . pair	1885	H	1.07	
		M	2.50				L	0.48	
		ml	2.00		Sicily, . . . pair	1885	H	3.00	
		L	1.00				M	2.00	
Massachusetts, . . . pair	1835	M	1.42				ml	1.20	
	1880	H	2.75				L	0.60	
		mh	2.25		Spain, . . . pair	1885	H	1.50	
		M	1.67				mh	1.21	
		ml	1.13				M	0.96	
		L	0.60				ml	0.71	
	1885	H	2.50				L	0.37½	
		mh	2.00		Switzerland, . . . pair	1881	H	1.35	
		M	1.50				M	0.60	
		ml	1.00				L	0.15	
		L	0.50			1885	H	2.32	
	1891	H	2.50				M	1.35	
		mh	2.00				ml	0.75	
		M	1.50				L	0.15	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>CEREALS, ETC.</b>					<b>CEREALS, ETC.</b>				
<b>Flour (BUCK- WHEAT).</b>					<b>— Con.</b>				
<i>United States.</i>					<b>Flour (Rye) — Con.</b>				
Maryland, . . . lb.	1885	M		\$0.03	<i>United States—Con.</i>				
Massachusetts, . lb.	1847	M		0.08½	Connecticut, . . lb.	1856	M		\$0.03
	1850	M		0.03		1857	H		0.03
	1855	M		0.03			L		0.01½
	1859	M		0.04		1858	M		0.03
	1880	H		0.08		1859	M		0.03
		mh		0.06		1860	H		0.03
		M		0.05			M		0.02½
		ml		0.04			L		0.02
		L		0.03		1861	H		0.02
	1885	H		0.08			L		0.01½
		mh		0.06		1862	H		0.02
		M		0.05			L		0.01½
		ml		0.04		1863	H		0.02½
		L		0.03			L		0.01½
	1891	H		0.08		1864	H		0.05
		mh		0.06			M		0.04
		M		0.05			L		0.03
		ml		0.04		1865	M		0.03
		L		0.02½		1866	M		0.03
Minnesota, . . . lb.	1890	M		0.06		1867	M		0.03
Wisconsin, . . . lb.	1880	M		0.04		1868	H		0.03½
	1881	M		0.03½			L		0.03
	1882	M		0.03½		1869	M		0.03
	1883	M		0.03½		1870	H		0.04
	1884	H		0.05			mh		0.03½
		L		0.04½			M		0.03
<i>Foreign Countries.</i>							L		0.02
Bohemia, . . . lb.	1885	M		0.03		1871	H		0.04
Canada, . . . lb.	1882	M		0.02½			M		0.03½
	1887	M		0.02½			L		0.02½
<b>Flour (GRAHAM).</b>						1872	H		0.04
<i>United States.</i>							M		0.03
Massachusetts, . lb.	1836	M		0.04½			L		0.02
	1839	M		0.04		1873	H		0.04
	1850	M		0.03½			M		0.02½
	1851	M		0.03			L		0.02
	1855	M		0.06			M		0.04
	1856	M		0.05			mh		0.05
	1857	M		0.04		1875	H		0.05
	1858	M		0.04			mh		0.04½
	1859	M		0.04			M		0.03½
	1891	H		0.05			ml		0.03
		M		0.04			L		0.02½
		L		0.03		1876	H		0.03
Minnesota, . . . lb.	1890	M		0.02½			L		0.02½
Wisconsin, . . . lb.	1880	M		0.03		1877	H		0.03½
	1881	M		0.03			M		0.03
	1882	M		0.03			L		0.02½
	1883	M		0.03		1878	H		0.03
	1884	M		0.03			M		0.02½
<i>Foreign Countries.</i>							L		0.02
Canada, . . . lb.	1882	H		0.03½		1879	H		0.03
		L		0.03			M		0.02½
<b>Flour (Rye).</b>							L		0.02
<i>United States.</i>						1880	H		0.03
Connecticut, . . lb.	1850	M		0.02			M		0.02½
	1851	M		0.02			L		0.02
	1852	M		0.02		1887	M		0.02
	1853	M		0.02½	Iowa, . . . lb.	1861	M		0.01
	1854	M		0.03		1862	M		0.01
	1855	M		0.03		1863	M		0.03½
						1864	M		0.03½
						1865	M		0.04
						1866	M		0.04
						1867	M		0.03



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
CEREALS, ETC. — Con.					CEREALS, ETC. — Con.				
Flour (Rye) - Con.					Flour (Rye) - Con.				
United States-Con.					United States-Con.				
Iowa, . . . . lb.	1868	M		\$0.02 $\frac{1}{2}$	Massachusetts, . lb.	1864	L		\$0.03
	1869	M		0.02 $\frac{1}{2}$		1865	H		0.04
	1870	M		0.02 $\frac{1}{2}$			L		0.03
	1871	M		0.02		1866	H		0.04
	1872	M		0.02			L		0.03
	1873	M		0.02		1867	M		0.04
	1874	M		0.02 $\frac{1}{2}$		1868	H		0.04 $\frac{1}{2}$
	1875	M		0.02 $\frac{1}{2}$			L		0.04
	1876	M		0.03		1869	H		0.04
	1877	M		0.03			L		0.03
	1878	M		0.02 $\frac{1}{2}$		1870	H		0.03
	1879	M		0.02 $\frac{1}{2}$			L		0.02 $\frac{1}{2}$
	1880	M		0.02 $\frac{1}{2}$		1871	H		0.03
	1887	H		0.05 $\frac{1}{2}$			L		0.02 $\frac{1}{2}$
		mh		0.04		1872	H		0.03
		M		0.03			L		0.02 $\frac{1}{2}$
		ml		0.02		1873	H		0.03
		L		0.01			L		0.02 $\frac{1}{2}$
Kansas, . . . . lb.	1871	M		0.03		1874	H		0.03
	1872	M		0.03			L		0.02 $\frac{1}{2}$
	1873	M		0.03		1875	H		0.03
	1874	M		0.03			L		0.02 $\frac{1}{2}$
	1875	M		0.03		1876	H		0.03
	1876	M		0.03			L		0.02
	1877	M		0.03		1877	H		0.03
	1878	M		0.03			L		0.02
	1879	M		0.03		1878	M		0.02
	1880	M		0.03		1879	M		0.02
Maryland, . . . lb.	1851	M		0.02		1880	H		0.05
	1852	M		0.02			mh		0.04
	1853	M		0.03			M		0.03 $\frac{1}{2}$
	1854	M		0.04			ml		0.03
	1855	M		0.04			L		0.02
	1856	M		0.03		1885	H		0.05
	1857	M		0.02 $\frac{1}{2}$			mh		0.04
	1858	M		0.02			M		0.03 $\frac{1}{2}$
	1859	M		0.02 $\frac{1}{2}$			ml		0.03
	1860	M		0.03			L		0.02
	1861	M		0.02 $\frac{1}{2}$		1891	H		0.06
	1862	M		0.03			mh		0.05
	1863	M		0.03			M		0.04
	1864	M		0.05			ml		0.03 $\frac{1}{2}$
	1865	M		0.04			L		0.02 $\frac{1}{2}$
	1866	M		0.03	Michigan, . . . lb.	1885	H		0.05
	1867	M		0.04 $\frac{1}{2}$			M		0.03
	1868	M		0.05			ml		0.02
	1869	M		0.04			L		0.01
	1870	M		0.03	Missouri, . . . lb.	1851	M		0.02
	1871	M		0.03		1852	M		0.02
	1872	M		0.03		1853	M		0.02
	1873	M		0.03		1854	M		0.02
Massachusetts, . lb.	1835	H		0.03		1855	M		0.03
		L		0.02		1856	M		0.02 $\frac{1}{2}$
	1836	H		0.03 $\frac{1}{2}$		1857	M		0.03
		L		0.03		1858	H		0.02 $\frac{1}{2}$
	1854	M		0.04			L		0.02
	1855	M		0.05		1859	H		0.02 $\frac{1}{2}$
	1857	M		0.03			L		0.02
	1858	H		0.03		1860	H		0.02 $\frac{1}{2}$
		M		0.02 $\frac{1}{2}$			L		0.02
		L		0.02		1861	H		0.03
	1859	H		0.03			L		0.02
		M		0.02 $\frac{1}{2}$		1862	H		0.03
		L		0.02			L		0.02
	1860	M		0.02		1863	H		0.03
	1861	M		0.02			L		0.02
	1862	M		0.02		1864	H		0.05
	1863	M		0.02			L		0.03
	1864	H		0.04		1865	H		0.05 $\frac{1}{2}$

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
CEREALS, ETC. — Con.					CEREALS, ETC. — Con.				
Flour (Rye) — Con.					Flour (Rye) — Con.				
United States—Con.					United States—Con.				
Missouri, . . . lb.		1865	L	\$0.03	Ohio, . . . lb.		1868	H	\$0.04
		1866	H	0.06				L	0.03½
			L	0.03			1869	H	0.04
		1867	L	0.05				L	0.03½
			L	0.04			1870	M	0.03½
		1868	M	0.05			1871	H	0.04½
		1869	H	0.04½				L	0.02½
			L	0.03			1872	H	0.04½
		1870	H	0.03				L	0.02½
			L	0.02½			1873	H	0.04
		1871	M	0.03				L	0.02½
		1872	H	0.03½			1874	H	0.03½
			L	0.03				L	0.02½
		1873	H	0.03½			1875	H	0.03½
			L	0.03				L	0.02½
		1874	H	0.03½			1876	H	0.03
			L	0.03				L	0.02½
		1875	H	0.03			1877	H	0.03
			L	0.02½				L	0.02½
		1876	H	0.02½			1878	M	0.02½
			L	0.02			1879	H	0.02½
		1877	H	0.03				L	0.02
			L	0.02½			1880	H	0.02½
		1878	M	0.02				L	0.02
		1879	H	0.02			1887	H	0.05
			L	0.01½				M	0.03
		1880	M	0.02				ml	0.02½
New Jersey, . . lb.		1867	M	0.05				L	0.01½
		1869	M	0.04	Pennsylvania, . . lb.		1851	M	0.02
		1874	M	0.02			1852	M	0.02
New York, . . lb.		1858	M	0.01½			1853	M	0.02
		1859	M	0.02			1854	M	0.04
		1867	M	0.04			1855	M	0.05
		1869	M	0.03			1856	M	0.03½
		1871	M	0.03			1857	M	0.04
		1872	M	0.03			1858	M	0.02
		1873	M	0.02½			1859	M	0.02
		1874	M	0.03			1860	M	0.02
		1875	M	0.03			1861	H	0.02½
		1876	M	0.02				L	0.02
		1877	M	0.03			1862	H	0.03½
		1878	M	0.02				L	0.03
		1879	M	0.02			1863	H	0.04
		1880	M	0.02½				L	0.03½
Ohio, . . . lb.		1851	M	0.01½			1864	H	0.05
		1852	M	0.01½				L	0.04½
		1853	H	0.02			1865	H	0.06
			L	0.01				L	0.05½
		1854	H	0.02			1866	H	0.05½
			L	0.01				L	0.05
		1855	H	0.02			1867	H	0.05½
			L	0.01				M	0.04½
		1856	H	0.02				L	0.04
			L	0.01			1868	H	0.05
		1857	M	0.02				L	0.04
		1858	M	0.02			1869	H	0.04½
		1859	M	0.02				M	0.03½
		1860	M	0.02				L	0.03
		1861	M	0.02			1870	H	0.04½
		1862	M	0.02				L	0.03
		1863	H	0.03			1871	H	0.03½
			L	0.02				L	0.02
		1864	M	0.03½			1872	M	0.03
		1865	H	0.04½			1873	H	0.03
			L	0.04				L	0.02
		1866	H	0.05			1874	H	0.03
			L	0.04				L	0.02½
		1867	H	0.05			1875	H	0.02½
			L	0.04				L	0.02

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CEREALS, ETC.</b> — Con.					<b>CEREALS, ETC.</b> — Con.				
<b>Flour (Rye) - Con.</b>					<b>Flour (Rye) - Con.</b>				
<i>United States</i> - Con.					<i>Foreign Countries</i>				
Pennsylvania, . . . lb.	1876	H	\$0.02 $\frac{1}{2}$		Germany, . . . lb.	1880	mh	\$0.04 $\frac{1}{2}$	
		L	0.02				M	0.04	
	1877	H	0.03				L	0.02 $\frac{1}{2}$	
		L	0.02 $\frac{1}{2}$			1881	H	0.05	
	1878	H	0.02 $\frac{1}{2}$				L	0.04	
		L	0.02			1882	H	0.04 $\frac{1}{2}$	
	1879	M	0.02				L	0.02 $\frac{1}{2}$	
	1880	M	0.02			1883	M	0.04 $\frac{1}{2}$	
Tennessee, . . . lb.	1865	M	0.03			1884	M	0.04	
	1869	M	0.02		Hesse, . . . lb.	1882	M	0.02 $\frac{1}{2}$	
	1871	M	0.03		Prussia, . . . lb.	1880	M	0.02 $\frac{1}{2}$	
	1877	M	0.04			1882	H	0.04 $\frac{1}{2}$	
	1880	M	0.03				M	0.03 $\frac{1}{2}$	
West Virginia, . . lb.	1851	M	0.02				L	0.02 $\frac{1}{2}$	
	1852	M	0.02		Saxony, . . . lb.	1882	H	0.04 $\frac{1}{2}$	
	1853	M	0.02				L	0.02 $\frac{1}{2}$	
	1854	M	0.02		Sweden, . . . lb.	1881	M	0.02 $\frac{1}{2}$	
	1855	M	0.02		West Indies, . . lb.	1881	M	0.04	
	1856	M	0.02		Wurtemberg, . . lb.	1882	H	0.05 $\frac{1}{2}$	
	1857	M	0.02				M	0.04 $\frac{1}{2}$	
	1858	M	0.02				L	0.03 $\frac{1}{2}$	
	1859	M	0.02						
	1860	M	0.02		<b>Flour (WHEAT).</b>				
	1861	M	0.02		<i>United States.</i>				
	1862	M	0.02 $\frac{1}{2}$		California, . . . lb.	1884	H	0.03	
	1863	M	0.03				L	0.02 $\frac{1}{2}$	
	1864	M	0.03			1886	M	0.03 $\frac{1}{2}$	
	1865	M	0.03			1888	M	0.02	
	1866	M	0.02		Colorado, . . . lb.	1888	H	0.05	
	1867	M	0.02				M	0.03	
	1868	M	0.02				mh	0.04	
	1869	M	0.02				M	0.03	
	1870	M	0.02				ml	0.02	
	1871	M	0.02				L	0.01	
	1872	M	0.02		Connecticut, . . lb.	1851	H	0.03	
	1873	M	0.02				L	0.02 $\frac{1}{2}$	
	1874	M	0.02			1852	H	0.03	
	1875	M	0.02				L	0.02 $\frac{1}{2}$	
	1876	M	0.02			1853	H	0.04	
	1877	M	0.02				L	0.03 $\frac{1}{2}$	
	1878	M	0.02			1854	H	0.06 $\frac{1}{2}$	
	1879	M	0.02				M	0.05 $\frac{1}{2}$	
	1880	M	0.02				L	0.05	
Wisconsin, . . . lb.	1880	M	0.02			1855	H	0.06	
	1881	M	0.02				L	0.05	
	1882	M	0.02			1856	H	0.05	
	1883	M	0.02				L	0.04 $\frac{1}{2}$	
	1884	M	0.02			1857	H	0.05	
<i>Foreign Countries.</i>							mh	0.04 $\frac{1}{2}$	
Alsace-Lorraine, . lb.	1882	M	0.04 $\frac{1}{2}$				M	0.03 $\frac{1}{2}$	
Austria, . . . lb.	1878	H	0.13				ml	0.03	
		L	0.12				L	0.02	
Baden, . . . lb.	1882	H	0.05			1858	H	0.05	
		L	0.03 $\frac{1}{2}$				L	0.03 $\frac{1}{2}$	
Bavaria, . . . lb.	1882	M	0.03 $\frac{1}{2}$			1859	H	0.05	
Bohemia, . . . lb.	1885	H	0.10				L	0.03 $\frac{1}{2}$	
		L	0.08			1860	H	0.05 $\frac{1}{2}$	
England, . . . lb.	1873	M	0.02 $\frac{1}{2}$				mh	0.05	
	1878	M	0.03				M	0.04	
Germany, . . . lb.	1872	M	0.03 $\frac{1}{2}$				ml	0.03 $\frac{1}{2}$	
	1873	M	0.04			1861	H	0.04 $\frac{1}{2}$	
	1874	M	0.03 $\frac{1}{2}$				M	0.04	
	1875	M	0.03 $\frac{1}{2}$				L	0.03 $\frac{1}{2}$	
	1876	M	0.03			1862	H	0.05	
	1877	M	0.03				M	0.04	
	1878	M	0.02 $\frac{1}{2}$				ml	0.03 $\frac{1}{2}$	
	1879	M	0.03 $\frac{1}{2}$				L	0.03	
	1880	H	0.05 $\frac{1}{2}$			1863	H	0.06	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CEREALS, ETC.</b> — Con.					<b>CEREALS, ETC.</b> — Con.				
<b>Flour (WHEAT)</b> — Con.					<b>Flour (WHEAT)</b> — Con.				
<i>United States-Con.</i>					<i>United States-Con.</i>				
Connecticut, . . . lb.	1863	M		\$0.04	Connecticut, . . . lb.	1877	L		\$0.04
		L		0.03		1878	H		0.05
	1864	H		0.12 $\frac{1}{2}$			M		0.04 $\frac{1}{2}$
		mh		0.10			L		0.04
		M		0.06		1879	H		0.05
		ml		0.05			mh		0.04 $\frac{1}{2}$
		L		0.04			M		0.04
	1865	H		0.08			L		0.03 $\frac{1}{2}$
		mh		0.07 $\frac{1}{2}$		1880	H		0.05 $\frac{1}{2}$
		M		0.06 $\frac{1}{2}$			mh		0.04 $\frac{1}{2}$
		ml		0.06			M		0.04
		L		0.05			L		0.03 $\frac{1}{2}$
	1866	H		0.09		1887	H		0.04
		mh		0.08			M		0.03
		M		0.07 $\frac{1}{2}$			L		0.02 $\frac{1}{2}$
		ml		0.06 $\frac{1}{2}$		1888	M		0.03
		L		0.05 $\frac{1}{2}$		1866	H		0.10
	1867	H		0.09	Florida, . . . lb.		L		0.07
		mh		0.08		1867	H		0.10
		M		0.07			L		0.08
		L		0.04		1868	H		0.08 $\frac{1}{2}$
	1868	H		0.09			L		0.06
		mh		0.07 $\frac{1}{2}$		1869	H		0.07
		M		0.07			L		0.04
		ml		0.06		1871	M		0.04
		L		0.05		1872	H		0.06
	1869	H		0.06 $\frac{1}{2}$			L		0.04
		mh		0.06		1873	H		0.06
		M		0.05			L		0.04
		ml		0.04 $\frac{1}{2}$		1874	H		0.05 $\frac{1}{2}$
		L		0.04			L		0.04
	1870	H		0.06		1875	H		0.05 $\frac{1}{2}$
		M		0.05			L		0.04
		ml		0.04 $\frac{1}{2}$		1876	H		0.05 $\frac{1}{2}$
		L		0.04			L		0.04
	1871	H		0.06		1877	H		0.05 $\frac{1}{2}$
		mh		0.05 $\frac{1}{2}$			L		0.04
		M		0.05		1878	H		0.04 $\frac{1}{2}$
		ml		0.04 $\frac{1}{2}$			L		0.03
		L		0.04		1879	H		0.04 $\frac{1}{2}$
	1872	H		0.07			L		0.03
		mh		0.06 $\frac{1}{2}$		1880	H		0.05
		M		0.06			L		0.03 $\frac{1}{2}$
		ml		0.05 $\frac{1}{2}$		1851	M		0.02
		L		0.05	Illinois, . . . lb.	1852	M		0.02
	1873	H		0.08		1853	M		0.02 $\frac{1}{2}$
		M		0.05 $\frac{1}{2}$		1854	H		0.04
		ml		0.05			L		0.03
		L		0.04 $\frac{1}{2}$		1855	M		0.04
	1874	H		0.07		1856	H		0.03
		mh		0.06 $\frac{1}{2}$			M		0.02 $\frac{1}{2}$
		M		0.06			L		0.02
		ml		0.05		1858	H		0.02 $\frac{1}{2}$
		L		0.04			L		0.02
	1875	H		0.06 $\frac{1}{2}$		1859	H		0.03 $\frac{1}{2}$
		mh		0.06			M		0.02
		M		0.05			L		0.01 $\frac{1}{2}$
		ml		0.04		1860	H		0.03 $\frac{1}{2}$
		L		0.03			M		0.02 $\frac{1}{2}$
	1876	H		0.06			L		0.02
		mh		0.05 $\frac{1}{2}$		1861	H		0.03
		M		0.05			L		0.02 $\frac{1}{2}$
		ml		0.04 $\frac{1}{2}$		1862	H		0.03 $\frac{1}{2}$
		L		0.04			L		0.03
	1877	H		0.06		1863	H		0.06
		mh		0.05 $\frac{1}{2}$			L		0.05
		M		0.05		1864	H		0.06
		ml		0.04 $\frac{1}{2}$			L		0.05



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
CEREALS, ETC. — Con.					CEREALS, ETC. — Con.				
Flour (WHEAT) — Con.					Flour (WHEAT) — Con.				
United States—Con.					United States—Con.				
Illinois, . . . .	lb.	1865	H	\$0.06	Indiana, . . . .	lb.	1858	L	\$0.02 $\frac{1}{2}$
			M	0.05			1859	H	0.04
			L	0.04				L	0.03 $\frac{1}{2}$
		1866	H	0.04 $\frac{1}{2}$			1860	H	0.03
			L	0.03 $\frac{1}{2}$				L	0.02 $\frac{1}{2}$
		1867	H	0.08			1861	H	0.04
			L	0.07				L	0.03 $\frac{1}{2}$
		1868	H	0.06			1862	H	0.04
			L	0.05				L	0.03 $\frac{1}{2}$
		1869	H	0.05			1863	M	0.05
			L	0.04			1864	H	0.05
		1870	H	0.05				L	0.04 $\frac{1}{2}$
			L	0.04			1865	H	0.06
		1871	H	0.05				M	0.05
			mh	0.04 $\frac{1}{2}$				ml	0.04 $\frac{1}{2}$
			M	0.04				L	0.04
			L	0.03 $\frac{1}{2}$			1866	H	0.07
		1872	H	0.06				L	0.06 $\frac{1}{2}$
			M	0.04			1867	H	0.07 $\frac{1}{2}$
			L	0.03				M	0.07
		1873	H	0.04				ml	0.06 $\frac{1}{2}$
			M	0.03 $\frac{1}{2}$				L	0.06
			L	0.03			1868	H	0.06
		1874	H	0.05				M	0.05 $\frac{1}{2}$
			M	0.04				L	0.05
			L	0.03 $\frac{1}{2}$			1869	H	0.04
		1875	H	0.04				L	0.03
			M	0.03 $\frac{1}{2}$			1870	H	0.04
			L	0.03				M	0.03 $\frac{1}{2}$
		1876	H	0.04				L	0.03
			M	0.03 $\frac{1}{2}$			1871	H	0.04
			L	0.03				M	0.03 $\frac{1}{2}$
		1877	H	0.05				L	0.03
			M	0.04			1872	H	0.04
			L	0.03				L	0.03 $\frac{1}{2}$
		1878	H	0.04			1873	H	0.04
			mh	0.03 $\frac{1}{2}$				L	0.03 $\frac{1}{2}$
			M	0.03			1874	H	0.04
			L	0.02				L	0.03 $\frac{1}{2}$
		1879	H	0.04			1875	H	0.04
			mh	0.03 $\frac{1}{2}$				M	0.03 $\frac{1}{2}$
			M	0.03				L	0.03
			L	0.02			1876	H	0.04
		1880	H	0.04				L	0.03 $\frac{1}{2}$
			L	0.03			1877	H	0.05
		1884	H	0.05				mh	0.04
			mh	0.04				M	0.03
			M	0.03 $\frac{1}{2}$				L	0.02 $\frac{1}{2}$
			ml	0.03			1878	H	0.04
			L	0.02				L	0.03
		1885	H	0.05			1879	H	0.04
			M	0.03				M	0.03 $\frac{1}{2}$
			L	0.02				L	0.03
		1888	M	0.02			1880	M	0.03
Indiana, . . . .	lb.	1881	H	0.05	Iowa, . . . .	lb.	1888	M	0.02 $\frac{1}{2}$
			L	0.04			1861	H	0.01 $\frac{1}{2}$
		1882	M	0.02				L	0.01
		1883	H	0.03			1862	M	0.02
			L	0.02			1863	H	0.04
		1884	H	0.04				L	0.03 $\frac{1}{2}$
			L	0.03 $\frac{1}{2}$			1864	H	0.04
		1885	H	0.05				L	0.03 $\frac{1}{2}$
			L	0.04			1865	H	0.04 $\frac{1}{2}$
		1886	H	0.04				L	0.04
			L	0.03			1866	H	0.04 $\frac{1}{2}$
		1887	H	0.04				L	0.04
			L	0.03 $\frac{1}{2}$			1867	H	0.03 $\frac{1}{2}$
		1888	H	0.03				L	0.03

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
CEREALS, ETC. — Con.					CEREALS, ETC. — Con.				
Flour (WHEAT) — Con.					Flour (WHEAT) — Con.				
United States—Con.					United States—Con.				
Iowa, . . . .	lb.	1868	H	\$0.03	Maine, . . . .	lb.	1866	M	\$0.07
			L	0.02 $\frac{1}{2}$			1867	M	0.08
		1869	H	0.03			1868	H	0.07
			L	0.02 $\frac{1}{2}$				L	0.06 $\frac{1}{2}$
		1870	H	0.03			1872	M	0.06
			L	0.02 $\frac{1}{2}$			1876	M	0.03
		1871	H	0.03			1877	M	0.06
			L	0.02 $\frac{1}{2}$			1878	M	0.03 $\frac{1}{2}$
		1872	H	0.03			1882	M	0.04 $\frac{1}{2}$
			L	0.02 $\frac{1}{2}$			1886	M	0.03
		1873	M	0.03			1887	M	0.03
		1874	H	0.03			1888	H	0.04
			L	0.02 $\frac{1}{2}$				L	0.03
		1875	H	0.03			1889	H	0.04
			L	0.02 $\frac{1}{2}$				L	0.03 $\frac{1}{2}$
		1876	H	0.03 $\frac{1}{2}$	Maryland, . . . .	lb.	1851	H	0.03
			L	0.03				L	0.02
		1877	H	0.03 $\frac{1}{2}$			1852	H	0.03
			L	0.03				L	0.02
		1878	M	0.03			1853	H	0.04
		1879	H	0.03				L	0.03
			L	0.02 $\frac{1}{2}$			1854	H	0.05
		1880	H	0.03				L	0.04 $\frac{1}{2}$
			L	0.02 $\frac{1}{2}$			1855	H	0.06
		1885	H	0.04				L	0.05
			mh	0.03 $\frac{1}{2}$			1856	H	0.05
			M	0.03				L	0.03 $\frac{1}{2}$
			ml	0.02 $\frac{1}{2}$			1857	H	0.05
			L	0.02				L	0.03
		1887	H	0.03			1858	H	0.04
			mh	0.02 $\frac{1}{2}$				L	0.02 $\frac{1}{2}$
			M	0.02			1859	H	0.04
			L	0.01 $\frac{1}{2}$				L	0.03
		1888	M	0.02 $\frac{1}{2}$			1860	H	0.04
Kansas, . . . .	lb.	1871	H	0.03 $\frac{1}{2}$				L	0.03
			L	0.03			1861	H	0.04
		1872	H	0.03 $\frac{1}{2}$				L	0.03
			L	0.03			1862	H	0.05
		1873	H	0.04				L	0.04
			L	0.03 $\frac{1}{2}$			1863	H	0.05
		1874	H	0.04				L	0.04
			L	0.03			1864	H	0.06 $\frac{1}{2}$
		1875	H	0.04				L	0.05
			M	0.03 $\frac{1}{2}$			1865	H	0.07
			L	0.03				L	0.05
		1876	H	0.03 $\frac{1}{2}$			1866	H	0.08 $\frac{1}{2}$
			L	0.03				L	0.06
		1877	M	0.03			1867	H	0.09 $\frac{1}{2}$
		1878	M	0.03				M	0.07
		1879	H	0.03 $\frac{1}{2}$				L	0.06
			L	0.03			1868	H	0.07
			L	0.04				L	0.06
		1880	H	0.03			1869	H	0.06
			L	0.03				L	0.04
		1882	M	0.03				L	0.05
		1884	M	0.02			1870	H	0.05
		1888	M	0.02 $\frac{1}{2}$				L	0.03
Kentucky, . . . .	lb.	1872	H	0.04			1871	H	0.05
			L	0.03				L	0.04
		1873	H	0.03			1872	H	0.06
			L	0.02				L	0.05
		1874	M	0.02			1873	H	0.06
		1875	H	0.03				L	0.04 $\frac{1}{2}$
			L	0.02			1882	M	0.04 $\frac{1}{2}$
		1876	M	0.02			1885	H	0.04
		1877	M	0.04				M	0.03
		1880	M	0.02				L	0.02
Maine, . . . .	lb.	1858	M	0.04	Massachusetts, . . . .	lb.	1830	H	0.03 $\frac{1}{2}$
		1865	M	0.07 $\frac{1}{2}$				L	0.03

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices
CEREALS, ETC. — Con.					CEREALS, ETC. — Con.				
Flour (WHEAT) — Con.					Flour (WHEAT) — Con.				
United States—Con.					United States—Con.				
Massachusetts, .	lb.	1831	H	\$0.04	Massachusetts, .	lb.	1855	L	\$0.05
			M	0.03 $\frac{1}{2}$			1856	H	0.06
			L	0.03				mh	0.05 $\frac{1}{2}$
		1832	H	0.04				M	0.05
			M	0.03 $\frac{1}{2}$				ml	0.04 $\frac{1}{2}$
			L	0.03				L	0.04
		1833	H	0.04			1857	H	0.05
			M	0.03 $\frac{1}{2}$				mh	0.04 $\frac{1}{2}$
			L	0.03				M	0.04
		1834	H	0.03 $\frac{1}{2}$				ml	0.03 $\frac{1}{2}$
			L	0.03				L	0.03
		1835	H	0.04			1858	H	0.04
			M	0.03 $\frac{1}{2}$				M	0.03 $\frac{1}{2}$
			L	0.03				L	0.03
		1836	H	0.05			1859	H	0.05
			L	0.04				mh	0.04 $\frac{1}{2}$
		1837	H	0.07				M	0.04
			mh	0.06				ml	0.03 $\frac{1}{2}$
			M	0.05 $\frac{1}{2}$				L	0.03
			ml	0.05			1860	H	0.05
			L	0.04				mh	0.04 $\frac{1}{2}$
		1838	H	0.05				M	0.04
			M	0.04 $\frac{1}{2}$				L	0.03
			L	0.04			1861	H	0.04
		1839	H	0.05				M	0.03 $\frac{1}{2}$
			M	0.04				ml	0.03
			L	0.03 $\frac{1}{2}$				L	0.02 $\frac{1}{2}$
		1840	M	0.03			1862	H	0.04
		1841	H	0.04				M	0.03 $\frac{1}{2}$
			M	0.03 $\frac{1}{2}$				L	0.03
			L	0.03			1863	H	0.05
		1842	H	0.04				M	0.04 $\frac{1}{2}$
			M	0.03 $\frac{1}{2}$				L	0.04
			L	0.03			1864	H	0.06
		1843	M	0.03				mh	0.05 $\frac{1}{2}$
		1844	H	0.03				M	0.05
			L	0.02 $\frac{1}{2}$				ml	0.04 $\frac{1}{2}$
		1845	H	0.04				L	0.04
			M	0.03 $\frac{1}{2}$			1865	H	0.07
			L	0.03				mh	0.06 $\frac{1}{2}$
		1846	H	0.03 $\frac{1}{2}$				M	0.06
			L	0.03				L	0.05
		1847	H	0.05			1866	H	0.09
			M	0.04 $\frac{1}{2}$				mh	0.08
			L	0.04				M	0.07
		1848	H	0.04				ml	0.06 $\frac{1}{2}$
			M	0.03 $\frac{1}{2}$				L	0.05 $\frac{1}{2}$
			L	0.03			1867	H	0.10
		1849	H	0.04				mh	0.09
			L	0.03				M	0.08
		1850	H	0.04				ml	0.07
			M	0.03 $\frac{1}{2}$				L	0.06
			L	0.03			1868	H	0.09
		1851	H	0.03				mh	0.08
			M	0.02 $\frac{1}{2}$				M	0.07
			L	0.02				ml	0.06
		1852	H	0.03				L	0.05
			L	0.02 $\frac{1}{2}$			1869	H	0.06
		1853	H	0.04				M	0.05
			M	0.03 $\frac{1}{2}$				L	0.04
			L	0.03			1870	H	0.05
		1854	H	0.06				mh	0.04 $\frac{1}{2}$
			mh	0.05 $\frac{1}{2}$				M	0.04
			M	0.05				L	0.03
			ml	0.04 $\frac{1}{2}$			1871	H	0.05 $\frac{1}{2}$
			L	0.04				M	0.05
		1855	H	0.06 $\frac{1}{2}$				ml	0.04
			M	0.06				L	0.03

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CEREALS, ETC.</b> — Con.					<b>CEREALS, ETC.</b> — Con.				
<b>Flour (WHEAT)</b> — Con.					<b>Flour (WHEAT)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Massachusetts, . lb.	1872	H	\$0.06 $\frac{1}{2}$		Michigan, . lb.	1833	H	\$0.03	
		mh	0.05 $\frac{1}{2}$			1834	L	0.02 $\frac{1}{2}$	
		M	0.05				H	0.03	
		ml	0.04				L	0.02	
		L	0.03			1835	H	0.04	
	1873	H	0.07 $\frac{1}{2}$				L	0.02 $\frac{1}{2}$	
		mh	0.06			1836	H	0.05	
		M	0.05				L	0.03	
		ml	0.04			1837	H	0.06	
		L	0.03				L	0.03 $\frac{1}{2}$	
	1874	H	0.06			1838	H	0.04	
		mh	0.05				L	0.03 $\frac{1}{2}$	
		M	0.04			1839	H	0.04 $\frac{1}{2}$	
		ml	0.03 $\frac{1}{2}$				L	0.03	
		L	0.03			1840	H	0.03	
	1875	H	0.06				L	0.02	
		mh	0.05			1841	H	0.04	
		M	0.04				L	0.02	
		ml	0.03 $\frac{1}{2}$			1842	H	0.03	
		L	0.03				L	0.02	
	1876	H	0.06			1843	H	0.03	
		mh	0.05				L	0.02	
		M	0.04			1844	H	0.02 $\frac{1}{2}$	
		ml	0.03 $\frac{1}{2}$				L	0.02	
		L	0.03			1845	H	0.03 $\frac{1}{2}$	
	1877	H	0.06				L	0.02	
		mh	0.05 $\frac{1}{2}$			1846	H	0.03	
		M	0.04 $\frac{1}{2}$				L	0.02	
		ml	0.04			1847	H	0.04	
		L	0.03				L	0.03	
	1878	H	0.05			1848	H	0.03	
		M	0.04 $\frac{1}{2}$				L	0.02 $\frac{1}{2}$	
		L	0.04			1849	H	0.03	
	1879	H	0.04 $\frac{1}{2}$				L	0.02 $\frac{1}{2}$	
		mh	0.03 $\frac{1}{2}$			1850	H	0.03	
		M	0.03				L	0.02 $\frac{1}{2}$	
		ml	0.02 $\frac{1}{2}$			1851	H	0.02 $\frac{1}{2}$	
		L	0.02				L	0.02	
	1880	H	0.05			1852	H	0.03	
		mh	0.04				L	0.02	
		M	0.03 $\frac{1}{2}$			1853	H	0.04	
		ml	0.03				L	0.02	
		L	0.02			1854	H	0.05	
	1881	M	0.04				L	0.04	
	1885	H	0.04 $\frac{1}{2}$			1855	H	0.05	
		M	0.04				L	0.04	
		ml	0.03 $\frac{1}{2}$			1856	H	0.04	
		L	0.03				L	0.02 $\frac{1}{2}$	
	1888	M	0.03			1857	H	0.03	
	1891	H	0.04				L	0.02	
		M	0.03 $\frac{1}{2}$			1858	H	0.03	
		L	0.03				L	0.02	
Michigan, . lb.	1825	H	0.02			1859	H	0.03	
		L	0.01 $\frac{1}{2}$				L	0.02	
	1826	H	0.03			1860	H	0.03	
		L	0.02				L	0.02	
	1827	H	0.03			1861	H	0.03	
		L	0.02				L	0.02	
	1828	H	0.04			1862	H	0.03	
		L	0.02				L	0.02	
	1829	H	0.04			1863	H	0.04	
		L	0.02 $\frac{1}{2}$				L	0.02 $\frac{1}{2}$	
	1830	H	0.03			1864	H	0.06	
		L	0.02				L	0.03 $\frac{1}{2}$	
	1831	H	0.04			1865	H	0.04	
		L	0.02 $\frac{1}{2}$				L	0.02 $\frac{1}{2}$	
	1832	H	0.03 $\frac{1}{2}$			1866	H	0.06	
		L	0.03				L	0.03	



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CEREALS, ETC.</b> — Con.					<b>CEREALS, ETC.</b> — Con.				
<b>Flour (WHEAT)</b> — Con.					<b>Flour (WHEAT)</b> — Con.				
<i>United States-Con.</i>					<i>United States-Con.</i>				
Michigan, . . .	lb.	1867	H	\$0.05 $\frac{1}{2}$	Missouri, . . .	lb.	1860	L	\$0.03
			L	0.03			1861	H	0.04
		1868	H	0.05				M	0.03 $\frac{1}{2}$
			L	0.03				L	0.03
		1869	H	0.03			1862	H	0.04
			L	0.02 $\frac{1}{2}$				mh	0.03 $\frac{1}{2}$
		1870	H	0.03				M	0.03
			L	0.02				L	0.02
		1871	H	0.03 $\frac{1}{2}$			1863	H	0.04
			L	0.02				M	0.03 $\frac{1}{2}$
		1872	H	0.03				L	0.03
			L	0.02 $\frac{1}{2}$			1864	H	0.07
		1873	H	0.04				mh	0.06
			L	0.02				M	0.04 $\frac{1}{2}$
		1874	H	0.03 $\frac{1}{2}$				L	0.03 $\frac{1}{2}$
			L	0.02			1865	H	0.07 $\frac{1}{2}$
		1875	H	0.03				mh	0.07
			L	0.02				M	0.05
		1876	H	0.03				ml	0.04 $\frac{1}{2}$
			L	0.02				L	0.04
		1877	H	0.04			1866	H	0.09
			L	0.02				mh	0.07 $\frac{1}{2}$
		1878	H	0.03				M	0.07
			L	0.02				L	0.05
		1879	H	0.03			1867	H	0.10
			L	0.02				mh	0.09
		1880	H	0.03				M	0.07
			L	0.02				ml	0.06 $\frac{1}{2}$
		1881	H	0.03				L	0.05 $\frac{1}{2}$
			L	0.02			1868	H	0.07
		1882	H	0.04				M	0.06 $\frac{1}{2}$
			L	0.02				L	0.04 $\frac{1}{2}$
		1885	H	0.04			1869	H	0.06
			mh	0.03 $\frac{1}{2}$				M	0.04 $\frac{1}{2}$
			M	0.03				L	0.04
			ml	0.02 $\frac{1}{2}$			1870	H	0.04 $\frac{1}{2}$
			L	0.02				M	0.04
		1886	H	0.04 $\frac{1}{2}$				ml	0.03 $\frac{1}{2}$
			M	0.04				L	0.03
			L	0.03			1871	H	0.05
		1888	M	0.04				M	0.04 $\frac{1}{2}$
Minnesota, . . .	lb.	1888	M	0.03				L	0.03
Missouri, . . .	lb.	1851	H	0.03			1872	H	0.06
			M	0.02 $\frac{1}{2}$				mh	0.05 $\frac{1}{2}$
			L	0.02				M	0.05
		1852	H	0.02 $\frac{1}{2}$				L	0.04
			L	0.02			1873	H	0.05 $\frac{1}{2}$
		1853	H	0.03				M	0.05
			L	0.02				L	0.03 $\frac{1}{2}$
		1854	H	0.04			1874	H	0.05 $\frac{1}{2}$
			L	0.03 $\frac{1}{2}$				mh	0.05
		1855	H	0.05				M	0.04 $\frac{1}{2}$
			L	0.04				L	0.03
		1856	H	0.04			1875	H	0.04
			M	0.03 $\frac{1}{2}$				M	0.03 $\frac{1}{2}$
			L	0.03				L	0.03
		1857	H	0.05			1876	H	0.04
			M	0.04				M	0.03 $\frac{1}{2}$
			L	0.03 $\frac{1}{2}$				L	0.03
		1858	H	0.03 $\frac{1}{2}$			1877	H	0.04 $\frac{1}{2}$
			M	0.03				L	0.04
			ml	0.02 $\frac{1}{2}$			1878	H	0.05
			L	0.02				M	0.04
		1859	H	0.04				ml	0.03 $\frac{1}{2}$
			M	0.03 $\frac{1}{2}$			1879	H	0.03 $\frac{1}{2}$
			L	0.03				L	0.03
		1860	H	0.04			1880	H	0.03
			M	0.03 $\frac{1}{2}$					

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
CEREALS, ETC. — Con.					CEREALS, ETC. — Con.				
Flour (WHEAT) — Con.					Flour (WHEAT) — Con.				
United States—Con.					United States—Con.				
Missouri, . . . lb.		1880	L	\$0.02½	New York, . . . lb.		1854	H	\$0.06
		1884	H	0.04				mh	0.05
			mh	0.03½				M	0.04½
			M	0.03				ml	0.04
			ml	0.02			1855	L	0.03
			L	0.01				H	0.05½
		1889	H	0.02				mh	0.05
			L	0.01				M	0.04
Nebraska, . . . lb.		1888	M	0.02½				L	0.03
New Jersey, . . lb.		1851	M	0.03			1856	H	0.05
		1852	M	0.03				M	0.04
		1853	M	0.03				ml	0.03½
		1854	M	0.03½				L	0.03
		1855	M	0.04			1857	H	0.05
		1856	M	0.03½				mh	0.04½
		1857	M	0.04				M	0.04
		1858	M	0.03½				ml	0.03½
		1859	M	0.04				L	0.03
		1860	M	0.04			1858	H	0.04
		1861	M	0.04				mh	0.03½
		1862	M	0.04				M	0.03
		1863	M	0.05				L	0.02½
		1864	M	0.06			1859	H	0.05
		1865	M	0.08				M	0.04
		1866	M	0.07½				ml	0.03½
		1867	H	0.08				L	0.03
			M	0.07½			1860	H	0.04
			L	0.07				M	0.03½
		1868	M	0.08½				L	0.03
		1869	H	0.05			1861	H	0.04½
			L	0.04½				mh	0.04
		1870	M	0.05				M	0.03½
		1871	M	0.05				ml	0.03
		1872	M	0.05½				L	0.02½
		1873	M	0.05			1862	H	0.04½
		1874	H	0.05				M	0.04
			M	0.04½				ml	0.03
			L	0.04				L	0.02½
		1875	M	0.04½			1863	H	0.05
		1876	M	0.04				mh	0.04½
		1877	M	0.04½				M	0.04
		1878	H	0.04				L	0.03
			M	0.03½			1864	H	0.08
			L	0.03				mh	0.07
		1879	M	0.04				M	0.06
		1880	M	0.04				ml	0.05
		1882	H	0.05				L	0.03½
			mh	0.04½			1865	H	0.07
			M	0.04				mh	0.06½
			L	0.03				M	0.06
		1884	H	0.04				ml	0.05½
			L	0.03				L	0.05
		1885	H	0.04			1866	H	0.08½
			L	0.03				mh	0.07
		1886	H	0.04				M	0.05½
			mh	0.03½				ml	0.05
			M	0.03				L	0.04
			ml	0.02½			1867	H	0.10
			L	0.02				mh	0.08
New York, . . . lb.		1851	H	0.04				M	0.06
			L	0.03				ml	0.05
		1852	H	0.05				L	0.04
			M	0.04			1868	H	0.08
			ml	0.03				M	0.06
			L	0.02				ml	0.05
		1853	H	0.04				L	0.04
			M	0.03			1869	H	0.07
			L	0.02½				M	0.05

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices
CEREALS, ETC. — Con.					CEREALS, ETC. — Con.				
Flour (WHEAT) — Con.					Flour (WHEAT) — Con.				
United States—Con					United States—Con.				
New York, . . . lb.		1869	ml	\$0.04	Ohio, . . . lb.		1851	H	\$0.02
			L	0.03 $\frac{1}{2}$				L	0.01 $\frac{1}{2}$
		1870	H	0.05 $\frac{1}{2}$			1852	H	0.02
			mh	0.05				L	0.01 $\frac{1}{2}$
			M	0.04 $\frac{1}{2}$			1853	H	0.02
			ml	0.04				L	0.01 $\frac{1}{2}$
			L	0.03			1854	H	0.02
		1871	H	0.06				L	0.01 $\frac{1}{2}$
			mh	0.05 $\frac{1}{2}$			1855	H	0.02 $\frac{1}{2}$
			M	0.04 $\frac{1}{2}$				M	0.02
			ml	0.04				L	0.01 $\frac{1}{2}$
			L	0.03			1856	H	0.02 $\frac{1}{2}$
		1872	H	0.06				M	0.02
			mh	0.05				L	0.01 $\frac{1}{2}$
			M	0.04 $\frac{1}{2}$			1857	H	0.02 $\frac{1}{2}$
			ml	0.04				L	0.02
			L	0.03 $\frac{1}{2}$			1858	H	0.02 $\frac{1}{2}$
		1873	H	0.06 $\frac{1}{2}$				L	0.02
			mh	0.06			1859	H	0.03
			M	0.05 $\frac{1}{2}$				M	0.02 $\frac{1}{2}$
			ml	0.04 $\frac{1}{2}$				L	0.02
			L	0.04			1860	H	0.03
		1874	H	0.06				M	0.02 $\frac{1}{2}$
			M	0.04 $\frac{1}{2}$				L	0.02
			ml	0.04			1861	H	0.03
			L	0.03				M	0.02 $\frac{1}{2}$
		1875	H	0.05				L	0.02
			mh	0.04 $\frac{1}{2}$			1862	H	0.03
			M	0.04				M	0.02 $\frac{1}{2}$
			ml	0.03 $\frac{1}{2}$				L	0.02
			L	0.03			1863	H	0.05
		1876	H	0.06				mh	0.04
			mh	0.05				M	0.03 $\frac{1}{2}$
			M	0.04				ml	0.03
			ml	0.03 $\frac{1}{2}$				L	0.02
			L	0.03			1864	H	0.05
		1877	H	0.06				mh	0.04 $\frac{1}{2}$
			mh	0.05 $\frac{1}{2}$				M	0.04
			M	0.05				ml	0.03 $\frac{1}{2}$
			ml	0.04				L	0.03
			L	0.03			1865	H	0.05 $\frac{1}{2}$
		1878	H	0.05				mh	0.05
			mh	0.04 $\frac{1}{2}$				M	0.04
			M	0.04				ml	0.03 $\frac{1}{2}$
			ml	0.03 $\frac{1}{2}$				L	0.03
			L	0.03			1866	H	0.06 $\frac{1}{2}$
		1879	H	0.05				mh	0.06
			mh	0.04 $\frac{1}{2}$				M	0.05
			M	0.04				ml	0.04
			ml	0.03 $\frac{1}{2}$				L	0.03 $\frac{1}{2}$
			L	0.03			1867	H	0.05 $\frac{1}{2}$
		1880	H	0.05				mh	0.08
			mh	0.04 $\frac{1}{2}$				M	0.06
			M	0.04				ml	0.05
			ml	0.03 $\frac{1}{2}$				L	0.04
			L	0.03			1868	H	0.06 $\frac{1}{2}$
		1881	M	0.03				mh	0.06
		1882	H	0.06				M	0.05
			mh	0.04 $\frac{1}{2}$				ml	0.04
			M	0.04				L	0.03
			ml	0.03			1869	H	0.05 $\frac{1}{2}$
			L	0.02				mh	0.04 $\frac{1}{2}$
		1883	M	0.03				M	0.04
		1884	H	0.05				ml	0.03 $\frac{1}{2}$
			M	0.04				L	0.02 $\frac{1}{2}$
			L	0.03			1870	H	0.05 $\frac{1}{2}$
		1885	H	0.05				mh	0.04 $\frac{1}{2}$
			L	0.02 $\frac{1}{2}$				M	0.04

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
CEREALS, ETC. — Con.					CEREALS, ETC. — Con.				
Flour (WHEAT) — Con.					Flour (WHEAT) — Con.				
United States—Con.					United States—Con				
Ohio, . . . .	lb.	1870	ml	\$0.03	Pennsylvania, .	lb.	1851	L	\$0.02 $\frac{1}{2}$
			L	0.02 $\frac{1}{2}$			1852	H	0.03
		1871	H	0.05				L	0.02 $\frac{1}{2}$
			mh	0.04 $\frac{1}{2}$			1853	H	0.03
			M	0.04				L	0.02 $\frac{1}{2}$
			ml	0.03 $\frac{1}{2}$			1854	H	0.05
			L	0.03				M	0.04 $\frac{1}{2}$
		1872	H	0.06				ml	0.03
			mh	0.05 $\frac{1}{2}$			1855	L	0.02 $\frac{1}{2}$
			M	0.04 $\frac{1}{2}$				H	0.06 $\frac{1}{2}$
			ml	0.04				M	0.06
			L	0.03				ml	0.03
		1873	H	0.06				L	0.02 $\frac{1}{2}$
			mh	0.05			1856	H	0.05
			M	0.04				M	0.04
			ml	0.03 $\frac{1}{2}$				ml	0.03
			L	0.03				L	0.02 $\frac{1}{2}$
		1874	H	0.05			1857	H	0.05
			mh	0.04 $\frac{1}{2}$				M	0.04 $\frac{1}{2}$
			M	0.04				ml	0.03
			ml	0.03 $\frac{1}{2}$				L	0.02 $\frac{1}{2}$
			L	0.03			1858	H	0.04
		1875	H	0.04 $\frac{1}{2}$				mh	0.03 $\frac{1}{2}$
			mh	0.04				M	0.03
			M	0.03 $\frac{1}{2}$				L	0.02 $\frac{1}{2}$
			L	0.03			1859	H	0.04
		1876	H	0.05				mh	0.03 $\frac{1}{2}$
			mh	0.04 $\frac{1}{2}$				M	0.03
			M	0.04				L	0.02 $\frac{1}{2}$
			ml	0.03 $\frac{1}{2}$			1860	H	0.04
			L	0.03				mh	0.03 $\frac{1}{2}$
		1877	H	0.06				M	0.03
			mh	0.05				L	0.02 $\frac{1}{2}$
			M	0.04			1861	H	0.04
			ml	0.03				M	0.03 $\frac{1}{2}$
			L	0.02				L	0.03
		1878	H	0.06			1862	H	0.05
			mh	0.04 $\frac{1}{2}$				mh	0.04 $\frac{1}{2}$
			M	0.04				M	0.04
			ml	0.03				ml	0.03 $\frac{1}{2}$
			L	0.02				L	0.03
		1879	H	0.04			1863	H	0.06
			mh	0.03 $\frac{1}{2}$				mh	0.05
			M	0.03				M	0.04 $\frac{1}{2}$
			ml	0.02 $\frac{1}{2}$				L	0.04
			L	0.02			1864	H	0.07 $\frac{1}{2}$
		1880	H	0.04				M	0.06 $\frac{1}{2}$
			mh	0.03 $\frac{1}{2}$				ml	0.06
			M	0.03				L	0.05 $\frac{1}{2}$
			ml	0.02 $\frac{1}{2}$			1865	H	0.08
			L	0.02				M	0.07
		1881	H	0.03				ml	0.06 $\frac{1}{2}$
			L	0.02 $\frac{1}{2}$				L	0.06
		1882	H	0.04			1866	H	0.08
			mh	0.03 $\frac{1}{2}$				M	0.07
			M	0.03				ml	0.06 $\frac{1}{2}$
			ml	0.02				L	0.06
			L	0.01			1867	H	0.08
		1883	H	0.03				M	0.06 $\frac{1}{2}$
			M	0.02 $\frac{1}{2}$				ml	0.06
			L	0.02				L	0.05
		1885	H	0.03			1868	H	0.07 $\frac{1}{2}$
			L	0.02 $\frac{1}{2}$				mh	0.07
		1887	H	0.03				M	0.06
			M	0.02 $\frac{1}{2}$				ml	0.05 $\frac{1}{2}$
			L	0.02				L	0.05
		1888	M	0.02 $\frac{1}{2}$			1869	H	0.07
Pennsylvania, .	lb.	1851	H	0.03				mh	0.06



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CEREALS, ETC.</b> — Con.					<b>CEREALS, ETC.</b> — Con.				
<b>Flour (WHEAT)</b> — Con.					<b>Flour (WHEAT)</b> — Con.				
<i>United States-Con.</i>					<i>United States-Con.</i>				
Pennsylvania, . . lb.	1869	M		\$0.05½	Pennsylvania, . . lb.	1884	ml		\$0.02½
		ml		0.04½			L		0.02
		L		0.04		1885	H		0.07½
	1870	H		0.06½			mh		0.06½
		mh		0.05½			M		0.05½
		M		0.05			ml		0.04
		ml		0.04½			L		0.02½
		L		0.04		1886	H		0.04
	1871	H		0.05½			L		0.03
		mh		0.05		1888	M		0.03
		M		0.04½	Rhode Island, . . lb.	1888	M		0.02½
		ml		0.04	Tennessee, . . lb.	1851	H		0.02
		L		0.03½			L		0.01½
	1872	H		0.05½		1855	M		0.03
		mh		0.05		1856	M		0.03½
		M		0.04½		1857	H		0.04½
		L		0.03½			L		0.04
	1873	H		0.05½		1863	M		0.05
		M		0.05		1864	M		0.05
		ml		0.04		1865	M		0.06
		L		0.03½		1866	M		0.05
	1874	H		0.05		1867	M		0.05
		M		0.04½		1868	M		0.04½
		ml		0.04		1869	M		0.05
		L		0.03½		1870	H		0.03
	1875	H		0.05			L		0.02½
		mh		0.04½		1871	H		0.05
		M		0.04			M		0.04
		ml		0.03½			ml		0.03½
		L		0.03			L		0.03
	1876	H		0.05		1872	H		0.04½
		mh		0.04½			L		0.03½
		M		0.04		1873	H		0.04
		ml		0.03½			L		0.03½
		L		0.03		1874	H		0.04½
	1877	H		0.06			mh		0.04
		mh		0.05½			M		0.03½
		M		0.05			L		0.03
		ml		0.04		1875	H		0.04
		L		0.03½			L		0.03½
	1878	H		0.05		1876	H		0.04½
		mh		0.04½			M		0.04
		M		0.04			ml		0.03½
		ml		0.03½			L		0.03
		L		0.03		1877	H		0.05
	1879	H		0.05			mh		0.04½
		mh		0.04½			M		0.04
		M		0.04			ml		0.03½
		ml		0.03½			L		0.03
		L		0.03		1878	H		0.04
	1880	H		0.05			M		0.03
		mh		0.04			L		0.02½
		M		0.03½		1879	H		0.04
		ml		0.03½			M		0.03½
		L		0.02½			L		0.03
	1881	H		0.05		1880	H		0.04
		mh		0.04½			M		0.03½
		M		0.04			L		0.03
		ml		0.03½	United States (not specified), . . lb.	1881	M		0.04
		L		0.03	West Virginia, . . lb.	1851	H		0.04
	1882	H		0.05			L		0.03
		mh		0.04		1852	H		0.03½
		M		0.03½			L		0.02½
		ml		0.03		1853	H		0.03
		L		0.02½			L		0.02
	1884	H		0.04		1854	H		0.03
		mh		0.03½			L		0.02
		M		0.03					

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CEREALS, ETC.</b> — Con.					<b>CEREALS, ETC.</b> — Con.				
<b>Flour (WHEAT)</b> — Con.					<b>Flour (WHEAT)</b> — Con.				
<i>United States-Con.</i>					<i>Foreign Countries.</i>				
West Virginia, . lb.	1855	H		\$0.03 $\frac{1}{2}$	Alsace-Lorraine, . lb.	1882	M		\$0.06
		L		0.02 $\frac{1}{2}$	Australia, . lb.	1881	H		0.04
	1856	H		0.03 $\frac{1}{2}$			L		0.02
		L		0.02 $\frac{1}{2}$		1885	M		0.02
	1857	H		0.03	Austria, . . . lb.	1878	H		0.05 $\frac{1}{2}$
		L		0.02			M		0.04 $\frac{1}{2}$
	1858	H		0.03 $\frac{1}{2}$			L		0.03 $\frac{1}{2}$
		L		0.02 $\frac{1}{2}$		1884	H		0.05
	1859	H		0.03 $\frac{1}{2}$			L		0.03
		L		0.02 $\frac{1}{2}$		1885	H		0.05
	1860	H		0.03			L		0.03
		L		0.02	Baden, . . . lb.	1882	H		0.06
	1861	H		0.04			L		0.05
		L		0.03	Bavaria, . . . lb.	1882	H		0.05
	1862	H		0.04			M		0.04
		L		0.03 $\frac{1}{2}$			L		0.03
	1863	H		0.04	Belgium, . . . lb.	1878	M		0.05 $\frac{1}{2}$
		L		0.03 $\frac{1}{2}$		1884	M		0.08
	1864	H		0.04	Bohemia, . . . lb.	1886	H		0.03 $\frac{1}{2}$
		L		0.03 $\frac{1}{2}$			L		0.02
	1865	H		0.04	Brazil, . . . lb.	1882	H		0.10
		L		0.03 $\frac{1}{2}$			L		0.07
	1866	H		0.04	Canada, . . . lb.	1882	H		0.04
		L		0.03 $\frac{1}{2}$			M		0.03 $\frac{1}{2}$
	1867	H		0.04			L		0.03
		L		0.03 $\frac{1}{2}$		1887	H		0.03
	1868	H		0.04			L		0.02 $\frac{1}{2}$
		L		0.03	China, . . . lb.	1889	M		0.04
	1869	H		0.04	Denmark, . . . lb.	1878	M		0.04
		L		0.03	Ecuador, . . . lb.	1883	M		0.10
	1870	H		0.04		1885	M		0.03
		L		0.03	England, . . . lb.	1873	H		0.04 $\frac{1}{2}$
	1871	H		0.03			M		0.04
		L		0.02 $\frac{1}{2}$			ml		0.03 $\frac{1}{2}$
	1872	H		0.03			L		0.03
		L		0.02 $\frac{1}{2}$		1878	H		0.06
	1873	H		0.03			mh		0.05
		L		0.02 $\frac{1}{2}$			M		0.04
	1874	H		0.03			ml		0.03
		L		0.02 $\frac{1}{2}$			L		0.02
	1875	H		0.03		1879	M		0.03 $\frac{1}{2}$
		L		0.02 $\frac{1}{2}$		1881	M		0.04 $\frac{1}{2}$
	1876	H		0.03		1882	H		0.05
		L		0.02 $\frac{1}{2}$			M		0.04
	1877	H		0.03			L		0.03 $\frac{1}{2}$
		L		0.02 $\frac{1}{2}$		1883	M		0.03
	1878	H		0.03		1884	H		0.04 $\frac{1}{2}$
		L		0.02 $\frac{1}{2}$			M		0.04
	1879	M		0.03			ml		0.03 $\frac{1}{2}$
	1880	M		0.03			L		0.03
Wisconsin, . . lb.	1880	H		0.04		1885	H		0.07
		M		0.03			M		0.04
		ml		0.02			ml		0.03 $\frac{1}{2}$
		L		0.01 $\frac{1}{2}$			L		0.03
	1881	H		0.04	France, . . . lb.	1867	M		0.09
		mh		0.03 $\frac{1}{2}$		1868	M		0.09 $\frac{1}{2}$
		M		0.03		1869	M		0.07
		ml		0.02 $\frac{1}{2}$		1870	M		0.07 $\frac{1}{2}$
		L		0.02		1871	M		0.09
	1882	H		0.04		1872	M		0.08 $\frac{1}{2}$
		M		0.03		1873	M		0.09
		L		0.02		1874	M		0.08 $\frac{1}{2}$
	1883	H		0.04		1875	M		0.06 $\frac{1}{2}$
		M		0.03		1876	M		0.07
		L		0.01 $\frac{1}{2}$		1877	M		0.08
	1884	H		0.03		1878	H		0.08
		M		0.02 $\frac{1}{2}$			M		0.06
		L		0.01			ml		0.05
	1888	M		0.02			L		0.04 $\frac{1}{2}$

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CEREALS, ETC.</b> — Con.					<b>CEREALS, ETC.</b> — Con.				
<b>Flour (WHEAT)</b> — Con.					<b>Flour (WHEAT)</b> — Con.				
<i>Foreign Countries</i> — Con.					<i>Foreign Countries</i> — Con.				
France, . . . lb.		1879	H	\$0.08	Hesse, . . . lb.		1882	M	\$0.06
			L	0.04			1887	M	0.04
		1880	H	0.08			1888	M	0.04
			M	0.05	Holland, . . . lb.		1882	H	0.04½
			L	0.04½				L	0.03½
		1881	M	0.08			1884	H	0.06
		1882	M	0.07½				L	0.04
		1883	M	0.07			1885	H	0.06
		1884	H	0.10				L	0.04
			M	0.06	Ireland, . . . lb.		1878	H	0.04
			ml	0.05				L	0.03
			L	0.04			1879	M	0.04
		1885	H	0.10			1884	H	0.04½
			M	0.06				L	0.04
			ml	0.05	Italy, . . . lb.		1878	H	0.10
			L	0.03				mh	0.09
		1886	M	0.06				M	0.07½
		1889	H	0.13				ml	0.06½
			L	0.09				L	0.05
Germany, . . . lb.		1891	M	0.05½			1879	M	0.10
		1890	M	0.02½			1882	M	0.06
		1870	M	0.05			1884	H	0.10
		1872	H	0.04½				L	0.05
			L	0.03½			1889	H	0.06
		1873	M	0.05				mh	0.05
		1874	M	0.04½				M	0.04
		1875	M	0.04				ml	0.03
		1876	H	0.06				L	0.02
			M	0.04	Japan, . . . lb.		1880	H	0.03
			L	0.03				L	0.02
		1877	H	0.04½			1881	M	0.04½
			L	0.04			1887	M	0.04
		1878	H	0.09	Mexico, . . . lb.		1881	M	0.10
			mh	0.07½			1882	M	0.12½
			M	0.06½			1883	H	0.07
			ml	0.05½				M	0.06
			L	0.04				L	0.05
		1879	H	0.04½	New Zealand, . . lb.		1889	M	0.03
			L	0.04	Nova Scotia, . . lb.		1890	M	0.02½
		1880	H	0.04½	Portugal, . . . lb.		1878	M	0.06
			L	0.04			1882	M	0.06
		1881	H	0.06	Prussia, . . . lb.		1878	H	0.07
			M	0.05				M	0.06
			L	0.04½				L	0.04½
		1882	H	0.05½			1880	M	0.04½
			M	0.04			1882	H	0.05
			L	0.03½				L	0.04
		1883	H	0.08	Russia, . . . lb.		1878	M	0.06
			L	0.05	Saxony, . . . lb.		1878	M	0.05
		1884	H	0.06			1882	H	0.05
			M	0.05½				L	0.04
			L	0.04½	Scotland, . . . lb.		1878	H	0.05
		1885	H	0.06				M	0.04
			mh	0.05½				ml	0.03
			M	0.05				L	0.02½
			ml	0.04½			1879	H	0.04
			L	0.04				L	0.02½
		1886	M	0.04			1883	M	0.04
		1887	H	0.05½			1884	M	0.04
			M	0.04½	Sicily, . . . lb.		1878	M	0.05½
			L	0.04			1889	H	0.06
		1888	M	0.04				L	0.05
		1889	H	0.07	Spain, . . . lb.		1878	H	0.07½
			M	0.05½				M	0.06½
			ml	0.04½				ml	0.04
			L	0.04				L	0.03
Hawaiian Islands, . lb.		1881	M	0.03			1889	M	0.07

GRADED PRICES—Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
CEREALS, ETC. — Con.					CEREALS, ETC. — Con.				
Flour (WHEAT) — Con.					Meal (CORN) — Con.				
Foreign Countries — Con.					United States—Con.				
Sweden, . . . lb.	1878	M	\$0.06		Connecticut, . . lb.	1871	L	\$0.02	
	1881	M	0.03½			1872	H	0.03	
Switzerland, . . lb.	1878	M	0.07				L	0.02	
	1879	M	0.07			1873	H	0.02½	
	1882	M	0.06				L	0.02	
	1884	H	0.07			1874	H	0.03	
		M	0.06				M	0.02	
		L	0.04				L	0.01½	
	1885	H	0.06			1875	H	0.03	
		L	0.04				L	0.02	
Venezuela, . . lb.	1881	M	0.07½			1876	H	0.02	
Wales, . . . lb.	1878	M	0.04				M	0.01½	
West Indies, . . lb.	1881	H	0.06				L	0.01	
		L	0.05			1877	H	0.02½	
	1889	M	0.04				M	0.02	
Wurtemberg, . . lb.	1882	H	0.05½				L	0.01	
		L	0.04			1878	H	0.02	
							M	0.01½	
Meal (CORN). United States.						1879	H	0.02	
California, . . lb.	1884	M	0.03				M	0.01½	
	1888	M	0.02½				L	0.01	
Colorado, . . lb.	1888	H	0.05			1880	H	0.02	
		mh	0.04				M	0.01½	
		M	0.03				L	0.01	
		ml	0.02		Florida, . . . lb.	1887	M	0.01	
		L	0.01½			1888	M	0.03	
Connecticut, . . lb.	1851	M	0.01½			1866	M	0.04	
	1852	M	0.01½			1867	M	0.04½	
	1853	M	0.02			1868	M	0.04	
	1854	M	0.02			1869	M	0.04	
	1855	M	0.02			1871	M	0.04	
	1856	M	0.02			1872	M	0.04	
	1857	H	0.02			1873	M	0.04	
		L	0.01½			1874	M	0.03	
	1858	M	0.02			1875	M	0.03	
	1859	M	0.02			1876	M	0.03	
	1860	H	0.02			1877	M	0.02	
		M	0.01½			1878	M	0.02	
		L	0.01			1879	M	0.02	
	1861	H	0.02		Illinois, . . . lb.	1880	M	0.02	
		L	0.01			1884	M	0.01	
	1862	H	0.02			1858	M	0.01	
		L	0.01			1859	M	0.01	
	1863	H	0.02½			1860	M	0.01	
		L	0.01			1872	M	0.01½	
	1864	H	0.03½			1880	M	0.01	
		L	0.03			1884	H	0.03	
	1865	H	0.04				M	0.02	
		M	0.03				L	0.01	
		L	0.02		Indiana, . . . lb.	1888	M	0.01½	
	1866	H	0.04			1851	M	0.01	
		M	0.03			1832	M	0.01	
		L	0.02			1853	M	0.01	
	1867	H	0.03			1854	M	0.01	
		L	0.02			1855	M	0.01	
	1868	H	0.03			1856	M	0.01	
		L	0.02			1857	M	0.01	
	1869	H	0.03			1858	M	0.01	
		M	0.02½			1859	M	0.01	
		L	0.02			1860	M	0.01	
	1870	H	0.03			1861	M	0.02	
		M	0.02½			1862	M	0.02	
		L	0.02			1863	M	0.02	
	1871	H	0.02½			1864	M	0.02	
						1865	H	0.02	
							L	0.01½	



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CEREALS, ETC.</b> — Con.					<b>CEREALS, ETC.</b> — Con.				
<b>Meal (CORN)</b> — Con.					<b>Meal (CORN)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Indiana, . . . lb.	1866	H	\$0.02		Kentucky, . . lb.	1874	M	\$0.02	
		L	0.01			1875	M	0.02	
	1867	H	0.02			1876	M	0.02	
		L	0.01 $\frac{1}{2}$			1877	M	0.01	
	1868	H	0.02 $\frac{1}{2}$			1880	M	0.01	
		L	0.01			1858	M	0.02 $\frac{1}{2}$	
	1869	H	0.02 $\frac{1}{2}$		Maine, . . . lb.	1868	M	0.03	
		L	0.01			1878	M	0.02	
	1870	H	0.03			1888	M	0.03	
		L	0.01			1885	M	0.01 $\frac{1}{2}$	
	1871	H	0.02 $\frac{1}{2}$		Maryland, . . lb.	1830	M	0.01	
		L	0.01		Massachusetts, . lb.	1831	M	0.02	
	1872	H	0.02			1832	H	0.02	
		L	0.01			L	0.01		
	1873	H	0.02			1833	H	0.02	
		L	0.01			L	0.01		
	1874	H	0.02			1834	H	0.03	
		L	0.01			M	0.02 $\frac{1}{2}$		
	1875	H	0.01 $\frac{1}{2}$				L	0.02	
		L	0.01			1835	H	0.02	
	1876	H	0.01 $\frac{1}{2}$				L	0.01 $\frac{1}{2}$	
		L	0.01			1836	M	0.02	
	1877	M	0.01 $\frac{1}{2}$			1837	H	0.03	
	1878	H	0.02				L	0.01	
		L	0.01-			1838	M	0.02	
	1879	H	0.02			1839	H	0.02 $\frac{1}{2}$	
		L	0.01			L	0.02		
	1880	H	0.02			1840	H	0.02	
		L	0.01			L	0.01		
	1888	M	0.02			1841	H	0.03	
Iowa, . . . lb.	1861	M	0.01			L	0.01		
	1862	M	0.01			1842	M	0.01	
	1863	M	0.01 $\frac{1}{2}$			1843	M	0.01	
	1864	M	0.01 $\frac{1}{2}$			1844	H	0.02	
	1865	M	0.02			L	0.01		
	1866	M	0.02			1845	H	0.02	
	1867	M	0.02			L	0.01		
	1868	M	0.01			1846	M	0.02	
	1869	M	0.01			1847	M	0.02	
	1870	M	0.01			1848	H	0.02	
	1871	M	0.01			L	0.01		
	1872	M	0.01			1849	M	0.01	
	1873	M	0.01 $\frac{1}{2}$			1850	H	0.03	
	1874	M	0.01 $\frac{1}{2}$			L	0.01		
	1875	M	0.01 $\frac{1}{2}$			1851	M	0.01	
	1876	M	0.01 $\frac{1}{2}$			1852	M	0.01	
	1877	M	0.02			1854	M	0.02	
	1878	M	0.02			1855	M	0.03	
	1879	M	0.02			1856	M	0.01	
	1880	M	0.02			1857	M	0.02	
	1885	M	0.01			1858	H	0.02	
	1887	H	0.04			L	0.01 $\frac{1}{2}$		
		M	0.02			1859	M	0.02	
		ml	0.01 $\frac{1}{2}$			1860	H	0.03	
		L	0.01			L	0.02		
	1888	M	0.02			1861	H	0.02	
Kansas, . . . lb.	1871	M	0.01			L	0.01		
	1872	M	0.01			1862	M	0.02	
	1873	M	0.01			1863	M	0.02	
	1874	M	0.01			1864	H	0.04	
	1875	M	0.01			L	0.03		
	1876	M	0.01			1865	M	0.03	
	1877	M	0.01			1866	M	0.02 $\frac{1}{2}$	
	1878	M	0.01			1867	M	0.03	
	1879	M	0.01			1868	M	0.03	
	1880	M	0.01			1869	M	0.02 $\frac{1}{2}$	
	1888	M	0.01			1870	H	0.03	
Kentucky, . . lb.	1872	M	0.02			L	0.02		

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CEREALS, ETC.</b> — Con.					<b>CEREALS, ETC.</b> — Con.				
<b>Meal (CORN)</b> — Con.					<b>Meal (CORN)</b> — Con.				
<i>United States-Con.</i>					<i>United States-Con.</i>				
Massachusetts, . . . lb.		1871	M	\$0.02	Missouri, . . . lb.		1875	H	\$0.02
		1872	M	0.02				L	0.01 $\frac{1}{2}$
		1873	M	0.02			1876	H	0.01 $\frac{1}{2}$
		1874	M	0.02				L	0.01
		1875	M	0.02			1877	M	0.01 $\frac{1}{2}$
		1876	M	0.02			1878	M	0.01
		1877	M	0.02			1879	M	0.01
		1878	M	0.01			1880	H	0.02
		1879	M	0.01				L	0.01 $\frac{1}{2}$
		1880	H	0.06				M	0.01
			mh	0.04	Nebraska, . . . lb.		1888	M	0.01 $\frac{1}{2}$
			M	0.03	New Jersey, . . . lb.		1867	M	0.02 $\frac{1}{2}$
			ml	0.02			1869	M	0.02 $\frac{1}{2}$
			L	0.01 $\frac{1}{2}$			1874	M	0.01 $\frac{1}{2}$
		1881	M	0.03			1886	H	0.04
		1885	H	0.06				M	0.03
			M	0.04				ml	0.02
			ml	0.03				L	0.01 $\frac{1}{2}$
			L	0.02	New York, . . . lb.		1855	M	0.02
		1891	H	0.07			1856	M	0.02
			mh	0.05			1857	M	0.02 $\frac{1}{2}$
			M	0.04			1861	M	0.01 $\frac{1}{2}$
			ml	0.03			1862	H	0.01 $\frac{1}{2}$
			L	0.02				L	0.01
Michigan, . . . lb.		1885	H	0.05			1863	H	0.02 $\frac{1}{2}$
			M	0.03				L	0.02
			ml	0.02			1864	H	0.03
			L	0.01				M	0.02 $\frac{1}{2}$
		1888	M	0.02				L	0.02
Minnesota, . . . lb.		1888	M	0.01			1865	H	0.03
		1890	H	0.03				L	0.02 $\frac{1}{2}$
			M	0.02			1866	H	0.03
			L	0.01				L	0.02
Missouri, . . . lb.		1851	M	0.01			1867	H	0.03
		1852	M	0.01				L	0.02 $\frac{1}{2}$
		1853	M	0.01			1868	H	0.03
		1854	M	0.01 $\frac{1}{2}$				L	0.02 $\frac{1}{2}$
		1855	M	0.01			1869	H	0.03
		1856	M	0.01				M	0.02 $\frac{1}{2}$
		1857	M	0.02				L	0.02
		1858	H	0.01 $\frac{1}{2}$			1870	H	0.03
			L	0.01				L	0.02
		1859	H	0.02			1871	H	0.02
			M	0.01 $\frac{1}{2}$				L	0.01
			L	0.01			1872	H	0.02
		1860	H	0.02				L	0.01
			L	0.01			1873	H	0.02
		1861	H	0.01 $\frac{1}{2}$				L	0.01
			L	0.01			1874	H	0.02 $\frac{1}{2}$
		1862	H	0.01 $\frac{1}{2}$				M	0.02
			L	0.01				L	0.01
		1863	M	0.01 $\frac{1}{2}$			1875	H	0.02
		1864	M	0.02 $\frac{1}{2}$				L	0.01
		1865	H	0.03			1876	H	0.02
			L	0.02				L	0.01
		1866	H	0.03			1877	H	0.02
			L	0.02				L	0.01
		1867	M	0.02 $\frac{1}{2}$			1878	H	0.02
		1868	H	0.03				L	0.01
			L	0.02			1879	M	0.01 $\frac{1}{2}$
		1869	H	0.02 $\frac{1}{2}$			1880	H	0.01 $\frac{1}{2}$
			L	0.02				L	0.01
		1870	H	0.03	Ohio, . . . lb.		1851	M	0.01
			L	0.02			1852	M	0.01
		1871	M	0.02			1853	M	0.01
		1872	M	0.02			1854	M	0.01
		1873	M	0.01 $\frac{1}{2}$			1855	M	0.01
		1874	M	0.02			1856	M	0.01

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
CEREALS, ETC. — Con.					CEREALS, ETC. — Con.				
Meal (CORN) — Con.					Meal (CORN) — Con.				
United States-Con.					United States-Con.				
Ohio, . . . . lb.		1857	M	\$0.01	Ohio, . . . . lb.		1878	L	\$0.01
		1858	M	0.01			1879	H	0.04
		1859	H	0.01 $\frac{1}{2}$				M	0.02
			L	0.01				ml	0.01 $\frac{1}{2}$
		1860	H	0.01 $\frac{1}{2}$				L	0.01
			L	0.01			1880	H	0.04
		1861	H	0.02				M	0.02
			L	0.01 $\frac{1}{2}$				ml	0.01 $\frac{1}{2}$
		1862	H	0.02				L	0.01
			L	0.01 $\frac{1}{2}$			1887	H	0.10
		1863	H	0.02				mh	0.07
			L	0.01 $\frac{1}{2}$				M	0.05
		1864	H	0.03				ml	0.02 $\frac{1}{2}$
			M	0.02 $\frac{1}{2}$				L	0.01
			L	0.02			1888	M	0.02
		1865	H	0.03	Pennsylvania, . . lb.		1851	M	0.01
			M	0.02 $\frac{1}{2}$			1852	M	0.01
			L	0.02			1853	M	0.01 $\frac{1}{2}$
		1866	H	0.04			1854	M	0.02
			M	0.02 $\frac{1}{2}$			1855	M	0.02
			L	0.02			1856	M	0.01 $\frac{1}{2}$
		1867	H	0.04			1857	M	0.01 $\frac{1}{2}$
			M	0.02 $\frac{1}{2}$			1858	M	0.01
			L	0.02			1859	M	0.01
		1868	H	0.04			1860	M	0.01
			M	0.03			1861	H	0.01 $\frac{1}{2}$
			L	0.02				L	0.01
		1869	H	0.04			1862	H	0.02
			M	0.03				L	0.01 $\frac{1}{2}$
			L	0.02			1863	H	0.02
		1870	H	0.04				L	0.01 $\frac{1}{2}$
			mh	0.03			1864	H	0.03
			M	0.02 $\frac{1}{2}$				L	0.02
			L	0.02			1865	H	0.04 $\frac{1}{2}$
		1871	H	0.04				L	0.03
			M	0.02 $\frac{1}{2}$			1866	H	0.04
			L	0.02				L	0.03
		1872	H	0.04			1867	H	0.03
			M	0.02 $\frac{1}{2}$				L	0.02 $\frac{1}{2}$
			L	0.02			1868	H	0.03
		1873	H	0.04				L	0.02 $\frac{1}{2}$
			mh	0.03			1869	M	0.02
			M	0.02			1870	M	0.02
			ml	0.01 $\frac{1}{2}$			1871	H	0.02
			L	0.01				L	0.01
		1874	H	0.04			1872	H	0.02
			M	0.03				L	0.01 $\frac{1}{2}$
			ml	0.02			1873	H	0.01 $\frac{1}{2}$
			L	0.01				L	0.01
		1875	H	0.04			1874	H	0.02
			mh	0.02 $\frac{1}{2}$				L	0.01 $\frac{1}{2}$
			M	0.02			1875	H	0.02 $\frac{1}{2}$
			ml	0.01 $\frac{1}{2}$				M	0.01 $\frac{1}{2}$
			L	0.01				L	0.01
		1876	H	0.04			1876	M	0.02
			mh	0.02 $\frac{1}{2}$			1877	H	0.02
			M	0.02				L	0.01 $\frac{1}{2}$
			ml	0.01 $\frac{1}{2}$			1878	H	0.02
			L	0.01				L	0.01
		1877	H	0.04			1879	H	0.02
			mh	0.03				L	0.01
			M	0.02			1880	H	0.02
			ml	0.01 $\frac{1}{2}$				M	0.01 $\frac{1}{2}$
			L	0.01				L	0.01
		1878	H	0.04			1884	H	0.05
			mh	0.02 $\frac{1}{2}$				mh	0.04
			M	0.02				M	0.03
			ml	0.01 $\frac{1}{2}$				ml	0.02

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CEREALS, ETC.</b> — Con.					<b>CEREALS, ETC.</b> — Con.				
<b>Meal (CORN)</b> — Con.					<b>Meal (CORN)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Pennsylvania, . . . lb.	1884	L	\$0.01½		Wisconsin, . . . lb.	1881	M	\$0.02	
	1885	H	0.05½			1882	M	0.02	
		mh	0.04			1883	M	0.02	
		M	0.03			1884	M	0.02	
		ml	0.02			1888	M	0.01½	
		L	0.01						
Rhode Island, . . . lb.	1888	M	0.03		<i>Foreign Countries.</i>				
Tennessee, . . . lb.	1851	M	0.01		Bohemia, . . . lb.	1885	H	0.02	
	1855	M	0.01				L	0.01½	
	1856	M	0.02		Brazil, . . . lb.	1882	H	0.03	
	1857	M	0.02				L	0.02	
	1863	M	0.03		Canada, . . . lb.	1887	M	0.03½	
	1864	M	0.03½		Ecuador, . . . lb.	1883	M	0.05	
	1865	M	0.03		England, . . . lb.	1881	M	0.03½	
	1866	M	0.03		France, . . . lb.	1884	H	0.05	
	1867	M	0.03				L	0.03	
	1868	M	0.02			1885	H	0.05	
	1869	M	0.02				L	0.03	
	1870	M	0.02		Germany, . . . lb.	1884	M	0.06	
	1871	H	0.02			1885	M	0.06	
		L	0.01½		Ireland, . . . lb.	1878	M	0.02	
	1872	H	0.02		Italy, . . . lb.	1889	M	0.03	
		L	0.01½		Mexico, . . . lb.	1885	M	0.03	
	1873	H	0.02		Spain, . . . lb.	1889	M	0.04	
		L	0.01½		West Indies, . . lb.	1881	H	0.11	
	1874	H	0.02				L	0.05	
		L	0.01½						
	1875	M	0.01½		<b>Meal (RYE).</b>				
	1876	H	0.02		<i>United States.</i>				
		L	0.01		Maine, . . . lb.	1858	M	0.03½	
	1877	H	0.02			1868	M	0.04½	
		L	0.01½			1878	M	0.04	
	1878	M	0.01			1888	M	0.03½	
	1879	H	0.01½		Massachusetts, . lb.	1830	M	0.02	
		L	0.01			1831	M	0.02	
	1880	H	0.02			1832	M	0.02	
West Virginia, . . lb.	1851	M	0.01			1833	M	0.02	
	1852	M	0.01			1834	M	0.02	
	1853	M	0.01			1835	M	0.02	
	1854	M	0.01			1837	H	0.04	
	1855	M	0.01				L	0.03	
	1856	M	0.01			1838	H	0.03	
	1857	M	0.01				L	0.02	
	1858	M	0.01			1839	M	0.03	
	1859	M	0.01			1840	M	0.02	
	1860	M	0.01			1841	M	0.02	
	1861	M	0.01			1842	M	0.02	
	1862	M	0.01			1843	M	0.02	
	1863	M	0.01			1844	M	0.02	
	1864	M	0.01			1845	M	0.02	
	1865	M	0.01			1846	H	0.02	
	1866	M	0.01				L	0.01	
	1867	M	0.01			1847	H	0.02	
	1868	M	0.01				L	0.01	
	1869	M	0.01			1848	H	0.02	
	1870	M	0.01				L	0.01½	
	1871	M	0.01			1849	M	0.02	
	1872	M	0.01			1850	H	0.02	
	1873	M	0.01				L	0.01	
	1874	M	0.01			1852	M	0.02	
	1875	M	0.01			1854	M	0.03	
	1876	M	0.01			1856	M	0.03	
	1877	M	0.01			1857	H	0.03	
	1878	M	0.01				L	0.02	
	1879	M	0.01			1858	M	0.02	
	1880	M	0.01			1859	M	0.02	
Wisconsin, . . . lb.	1880	M	0.02						



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CEREALS, ETC.</b> — Con.					<b>CEREALS, ETC.</b> — Con.				
<b>Meal (RYE) — Con.</b>					<b>Oatmeal — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Massachusetts, . lb.	1860	H	\$0.02		Pennsylvania, . lb.	1878	M	\$0.07	
		L	0.01			1884	M	0.05	
	1891	H	0.04			1885	H	0.08	
		L	0.03				mh	0.07	
<i>Foreign Countries.</i>							M	0.05	
Bavaria, . . . lb.	1883	M	0.04 $\frac{1}{2}$				ml	0.04	
Germany, . . . lb.	1850	M	0.02				L	0.02 $\frac{1}{2}$	
	1870	M	0.03			1886	M	0.05	
	1875	M	0.03		Wisconsin, . . lb.	1880	M	0.04	
	1877	M	0.03			1881	M	0.04	
	1878	M	0.02 $\frac{1}{2}$			1882	M	0.04	
	1885	M	0.03			1883	M	0.04	
						1884	M	0.04	
<b>Oatmeal.</b>					<i>Foreign Countries.</i>				
<i>United States.</i>					Australia, . . lb.	1847	M	0.12	
California, . . lb.	1884	H	0.06			1848	M	0.12	
		L	0.04			1849	M	0.11 $\frac{1}{2}$	
Illinois, . . . lb.	1878	H	0.05			1850	M	0.12	
		L	0.04			1851	M	0.12	
	1879	H	0.05			1852	M	0.12	
		L	0.04			1853	M	0.12	
	1884	H	0.05			1854	M	0.15	
		L	0.04			1855	M	0.18	
	1885	M	0.04			1856	M	0.14	
Iowa, . . . . lb.	1885	H	0.04			1857	M	0.14	
		L	0.03 $\frac{1}{2}$			1858	M	0.14	
Massachusetts, . lb.	1838	M	0.12			1859	M	0.14	
	1840	M	0.08			1860	M	0.12	
	1842	M	0.10			1861	M	0.12	
	1843	M	0.11			1862	M	0.10	
	1846	M	0.09			1863	M	0.08	
	1847	M	0.10			1864	M	0.08	
	1848	M	0.10			1865	M	0.08	
	1850	M	0.09			1866	M	0.08	
	1851	M	0.10			1867	M	0.08	
	1852	M	0.09			1868	M	0.08	
	1858	M	0.06			1869	M	0.08	
	1880	H	0.06			1870	M	0.08	
		M	0.05			1871	M	0.05	
		ml	0.04			1872	M	0.06	
		L	0.03			1873	M	0.05 $\frac{1}{2}$	
	1885	H	0.06			1874	M	0.07 $\frac{1}{2}$	
		M	0.05			1875	M	0.06	
		ml	0.04			1876	M	0.06	
		L	0.03			1877	M	0.06 $\frac{1}{2}$	
	1891	H	0.10			1878	M	0.06	
		mh	0.07			1879	M	0.04 $\frac{1}{2}$	
		M	0.06			1880	M	0.06	
		ml	0.04 $\frac{1}{2}$			1881	M	0.06	
		L	0.03			1882	M	0.08	
Michigan, . . . lb.	1886	M	0.05			1883	M	0.08	
Minnesota, . . lb.	1890	H	0.11			1884	M	0.06	
		M	0.06 $\frac{1}{2}$			1885	M	0.06	
		ml	0.05			1886	M	0.05 $\frac{1}{2}$	
		L	0.03			1887	M	0.05 $\frac{1}{2}$	
Missouri, . . . lb.	1878	M	0.05			1888	M	0.05	
	1889	H	0.06 $\frac{1}{2}$			1889	M	0.06 $\frac{1}{2}$	
		L	0.05		Canada, . . . lb.	1882	H	0.05	
New Jersey, . . lb.	1878	M	0.10				L	0.04	
	1884	M	0.06			1887	M	0.03 $\frac{1}{2}$	
	1885	M	0.06		England, . . . lb.	1878	H	0.04 $\frac{1}{2}$	
New York, . . . lb.	1878	H	0.05				L	0.03 $\frac{1}{2}$	
		L	0.04			1879	H	0.04 $\frac{1}{2}$	
	1879	H	0.05				L	0.03 $\frac{1}{2}$	
		L	0.04			1882	H	0.09	
	1884	H	0.05				M	0.06	
		L	0.04				L	0.04	
						1883	H	0.09	

GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
CEREALS, ETC. — Con.					CEREALS, ETC. — Con.				
Oatmeal — Con.					Rice — Con.				
Foreign Countries — Con.					United States—Con.				
England, . . . . lb.	1883	L		\$0.04	Connecticut, . . lb.	1871	L		\$0.11
	1884	H		0.09		1872	H		0.12
		L		0.03½			L		0.11
	1885	H		0.09		1873	H		0.12½
		L		0.04			L		0.10
Germany, . . . . lb.	1873	M		0.08		1874	H		0.13
	1879	M		0.08			mh		0.12
	1884	H		0.08			M		0.11
		L		0.05½			ml		0.10
	1885	M		0.06			L		0.09
	1886	M		0.01		1875	H		0.14
Ireland, . . . . lb.	1878	M		0.03½			mh		0.12
	1879	M		0.03½			M		0.11
	1884	M		0.03½			ml		0.10
Scotland, . . . . lb.	1878	M		0.04½			L		0.08
	1879	M		0.04		1876	H		0.12
	1883	M		0.03½			M		0.10
	1884	M		0.04			L		0.09
West Indies, . . lb.	1881	H		0.20		1877	H		0.10
		L		0.15			L		0.09
Rice.						1878	M		0.10
United States.						1879	M		0.10
California, . . . lb.	1884	M		0.06		1880	H		0.10
	1888	M		0.05			L		0.09
Colorado, . . . . lb.	1888	H		0.18	Florida, . . . . lb.	1887	M		0.10
		mh		0.14		1888	M		0.08½
		M		0.12		1866	M		0.25
		ml		0.09		1867	M		0.15
		L		0.06½		1868	M		0.14
Connecticut, . . lb.	1851	M		0.06		1869	M		0.12½
	1852	M		0.05		1871	M		0.10
	1853	H		0.07		1872	M		0.10
		L		0.05½		1873	M		0.10
	1854	H		0.06		1874	M		0.10
		L		0.05½		1875	M		0.10
	1855	M		0.07		1876	M		0.10
	1856	M		0.07		1877	M		0.09
	1857	M		0.08		1878	M		0.08
	1858	M		0.06		1879	M		0.08
	1859	M		0.06	Illinois, . . . . lb.	1880	M		0.08
	1860	H		0.09		1851	M		0.05
		M		0.07		1852	M		0.06
		L		0.05½		1853	H		0.06
	1861	H		0.07			L		0.05
		L		0.06		1854	M		0.10
	1862	H		0.09		1855	M		0.10
		L		0.08		1856	H		0.10
	1863	M		0.10			L		0.08
	1864	H		0.17		1857	M		0.10
		M		0.14		1858	H		0.10
		L		0.10			L		0.07
	1865	H		0.15		1859	H		0.10
		L		0.12			L		0.06
	1866	H		0.15		1860	H		0.10
		L		0.12½			L		0.07
	1867	H		0.16		1861	H		0.12
		L		0.13			L		0.10
	1868	H		0.15		1862	H		0.20
		L		0.14			L		0.10
	1869	H		0.15		1863	H		0.20
		M		0.13			L		0.12
		L		0.12		1864	H		0.20
	1870	H		0.15			M		0.18
		M		0.12			L		0.12
		L		0.10		1865	H		0.20
	1871	H		0.12½			L		0.12
						1866	H		0.16
							M		0.14

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
CEREALS, ETC. — Con.					CEREALS, ETC. — Con.				
Rice— Con.					Rice— Con.				
United States—Con.					United States—Con.				
Illinois, . . . . lb.		1866	L	\$0.10	Indiana, . . . . lb.		1875	L	\$0.10
		1867	H	0.15			1876	H	0.12
			L	0.10				M	0.10
		1868	H	0.16				L	0.08½
			L	0.10			1877	H	0.10
		1869	H	0.12½				L	0.08½
			L	0.10			1878	H	0.10
		1870	M	0.10				L	0.08½
		1871	H	0.12½			1879	H	0.10
			L	0.10				L	0.08½
		1872	H	0.12			1880	H	0.10
			L	0.10				L	0.08½
		1873	H	0.12	Iowa, . . . . lb.		1861	M	0.05
			L	0.10			1862	M	0.10
		1874	H	0.12			1863	M	0.12
			M	0.10			1864	M	0.12
			L	0.05			1865	M	0.12½
		1875	H	0.12			1866	M	0.12½
			L	0.10			1867	M	0.12½
		1876	M	0.10			1868	M	0.15
		1877	M	0.10			1869	M	0.15
		1878	H	0.10			1870	M	0.12½
			M	0.08½			1871	M	0.12½
			L	0.05			1872	M	0.12½
		1879	H	0.10			1873	M	0.12½
			M	0.08½			1874	M	0.12½
			L	0.05			1875	M	0.10
		1880	H	0.10			1876	M	0.10
			L	0.08			1877	M	0.10
		1884	H	0.10			1878	M	0.10
			M	0.09			1879	M	0.08
			L	0.05			1880	M	0.08
		1885	H	0.09			1885	H	0.09
			L	0.05				L	0.05
Indiana, . . . . lb.		1851	M	0.07			1887	H	0.18
		1852	M	0.06½				mb	0.14
		1853	M	0.07				M	0.11
		1854	M	0.09				ml	0.08
		1855	M	0.09				L	0.05
		1856	M	0.09	Kansas, . . . . lb.		1871	M	0.10
		1857	M	0.10			1872	M	0.10
		1858	M	0.10			1873	M	0.10
		1859	M	0.10			1874	M	0.10
		1860	M	0.10			1875	M	0.10
		1861	M	0.10			1876	M	0.10
		1862	M	0.15			1877	M	0.11
		1863	M	0.20			1878	M	0.10
		1864	M	0.20			1879	M	0.10
		1865	H	0.15			1880	M	0.10
			L	0.12			1885	M	0.08½
		1866	H	0.15			1888	M	0.09
			L	0.12	Kentucky, . . . lb.		1873	M	0.08
		1867	H	0.15			1874	M	0.09
			L	0.13			1875	M	0.08½
		1868	H	0.15			1876	M	0.07½
			L	0.13			1877	M	0.07
		1869	H	0.15			1880	M	0.07½
			L	0.13	Maine, . . . . lb.		1858	M	0.06
		1870	H	0.15			1865	M	0.18
			L	0.10			1867	M	0.14
		1871	H	0.15			1868	M	0.14
			L	0.13			1872	M	0.10
		1872	H	0.15			1877	M	0.09
			L	0.10			1878	M	0.10
		1873	H	0.15			1882	M	0.09
			L	0.10			1887	H	0.10
		1874	H	0.12				L	0.09
			L	0.10			1888	M	0.08
		1875	H	0.12	Maryland, . . . lb.		1851	M	0.05

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CEREALS, ETC. — Con.</b>					<b>CEREALS, ETC. — Con.</b>				
<b>Rice — Con.</b>					<b>Rice — Con.</b>				
<i>United States-Con.</i>					<i>United States-Con.</i>				
Maryland, . . . lb.	1852	M	\$0.05		Massachusetts, . . lb.	1866	M	\$0.15	
	1853	M	0.06			1867	M	0.15	
	1854	M	0.06			1868	M	0.15	
	1855	M	0.07			1869	M	0.15	
	1856	M	0.06			1870	M	0.10	
	1857	M	0.06			1871	M	0.12	
	1858	M	0.05			1872	M	0.14	
	1859	M	0.05			1873	M	0.14	
	1860	M	0.06			1874	M	0.12	
	1861	M	0.06			1875	M	0.12	
	1862	M	0.09			1876	M	0.10	
	1863	M	0.10			1877	M	0.08	
	1864	M	0.15			1878	M	0.10	
	1865	M	0.15			1879	M	0.10	
	1866	M	0.14			1880	H	0.12	
	1867	M	0.12				M	0.10	
	1868	M	0.12				ml	0.09	
	1869	M	0.11				L	0.08	
	1870	M	0.10			1881	M	0.10	
	1871	M	0.11			1886	H	0.10	
	1872	M	0.10				mb	0.09	
	1873	M	0.10				M	0.08	
	1875	M	0.09				L	0.06	
	1876	M	0.08			1888	M	0.10	
	1877	M	0.08			1891	H	0.10	
	1878	M	0.08				mh	0.09	
	1879	M	0.08				M	0.08	
	1880	M	0.08				ml	0.07	
Massachusetts, . . lb.	1830	M	0.04				L	0.06	
	1831	M	0.04		Michigan, . . . lb.	1825	H	0.04	
	1832	H	0.06				L	0.02	
		L	0.04			1826	H	0.04	
	1834	H	0.05				L	0.02	
		L	0.04			1827	H	0.04	
	1835	H	0.06				L	0.03	
		L	0.04			1828	H	0.04	
	1836	M	0.05				L	0.03	
	1837	H	0.11			1829	H	0.04	
		L	0.05				L	0.03	
	1838	M	0.05			1830	H	0.04	
	1840	M	0.05				L	0.02	
	1841	M	0.05			1831	H	0.04	
	1842	M	0.04				L	0.03	
	1843	M	0.04			1832	H	0.04 $\frac{1}{2}$	
	1844	M	0.04				L	0.02 $\frac{3}{4}$	
	1845	M	0.05			1833	H	0.04	
	1846	M	0.05				L	0.03	
	1847	M	0.06			1834	H	0.04	
	1848	M	0.05				L	0.02	
	1849	M	0.04			1835	H	0.05	
	1850	M	0.05				L	0.03	
	1851	M	0.05			1836	H	0.04	
	1852	M	0.05				L	0.03	
	1854	M	0.06			1837	H	0.05	
	1855	H	0.08				L	0.03	
		L	0.07			1838	H	0.05 $\frac{1}{2}$	
	1856	M	0.07				L	0.03 $\frac{1}{2}$	
	1857	H	0.07			1839	H	0.05	
		L	0.06				L	0.03	
	1858	H	0.06			1840	H	0.04	
		L	0.05				L	0.03	
	1859	H	0.06			1841	H	0.04	
		L	0.05				L	0.03	
	1860	M	0.06			1842	H	0.03 $\frac{1}{2}$	
	1861	M	0.08				L	0.02	
	1862	M	0.10			1843	H	0.03	
	1863	M	0.12				L	0.02	
	1864	M	0.14			1844	H	0.04	
	1865	M	0.15				L	0.02 $\frac{1}{2}$	



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CEREALS, ETC.</b> — Con.					<b>CEREALS, ETC.</b> — Con.				
<b>Rice — Con.</b>					<b>Rice — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Michigan, . . . lb.		1845	H	\$0.05	Michigan, . . . lb.		1880	L	\$0.06
			L	0.03			1881	H	0.08
		1846	H	0.05				L	0.05
			L	0.03			1882	H	0.09
		1847	H	0.14				L	0.05½
			L	0.08			1885	H	0.11½
		1848	H	0.13				mh	0.10
			L	0.08				M	0.08
		1849	H	0.04				ml	0.06½
			L	0.02½				L	0.05
		1850	H	0.03½			1886	M	0.09
			L	0.02½			1888	M	0.08½
		1851	M	0.03	Minnesota, . . . lb.		1888	M	0.10
		1852	H	0.05			1890	H	0.10
			L	0.03				mh	0.08
		1853	H	0.05				M	0.07
			L	0.03½				ml	0.06
		1854	H	0.05				L	0.05
			L	0.04	Missouri, . . . lb.		1851	H	0.09
		1855	H	0.06				L	0.06½
			L	0.03			1852	H	0.08
		1856	H	0.05				L	0.06½
			L	0.04			1853	H	0.08
		1857	H	0.05½				L	0.06½
			L	0.03½			1854	H	0.08½
		1858	H	0.04				L	0.06½
			L	0.03			1855	M	0.06½
		1859	H	0.05			1856	H	0.12½
			L	0.03				L	0.06½
		1860	H	0.05			1857	H	0.12½
			L	0.03				L	0.05
		1861	H	0.07½			1858	H	0.10
			L	0.03				M	0.08
		1863	H	0.09				L	0.05
			L	0.04			1859	H	0.08½
		1864	H	0.16				L	0.06½
			L	0.07			1860	H	0.10
		1865	H	0.14				L	0.08
			L	0.10			1861	M	0.10
		1866	H	0.15½			1862	M	0.10
			M	0.12			1863	H	0.12½
			L	0.07				L	0.10
		1867	H	0.13			1864	H	0.15
			L	0.09				L	0.12
		1868	H	0.11½			1865	H	0.20
			L	0.08½				M	0.16
		1869	H	0.10				L	0.12
			L	0.07½			1866	H	0.15
		1870	H	0.10				L	0.10
			L	0.06			1867	H	0.15
		1871	H	0.10				L	0.10
			L	0.07			1868	H	0.12½
		1872	H	0.10				L	0.10
			L	0.08			1869	H	0.12½
		1873	H	0.10				L	0.10
			L	0.07			1870	M	0.10
		1874	H	0.10			1871	H	0.11
			L	0.09				L	0.10
		1875	H	0.09			1872	M	0.10
			L	0.07			1873	M	0.10
		1876	H	0.08			1874	M	0.10
			L	0.05			1875	H	0.10
		1877	H	0.07				L	0.08½
			L	0.05			1876	H	0.10
		1878	H	0.16				L	0.08½
			L	0.08			1877	M	0.08
		1879	H	0.07½			1878	H	0.08½
			L	0.06				L	0.07
		1880	H	0.08			1879	H	0.10

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CEREALS, ETC. — Con.</b>					<b>CEREALS, ETC. — Con.</b>				
<b>Rice—Con.</b>					<b>Rice—Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Missouri, . . .	lb.	1879	L	\$0.08	New York, . . .	lb.	1859	M	\$0.06
		1880	H	0.10				L	0.04 $\frac{1}{2}$
			M	0.09			1860	H	0.10
			L	0.08				M	0.06
		1889	H	0.10				L	0.05
			mh	0.08 $\frac{1}{2}$			1861	H	0.08
			M	0.07				M	0.07
			L	0.04				ml	0.06
Nebraska, . . .	lb.	1888	M	0.09				L	0.05
New Jersey, . . .	lb.	1851	M	0.05			1862	H	0.09
		1852	M	0.06				M	0.08
		1853	M	0.08				L	0.07
		1854	M	0.06			1863	H	0.10
		1855	M	0.07				M	0.09
		1856	M	0.07				L	0.08
		1857	M	0.08			1864	H	0.18
		1858	M	0.05				mh	0.15
		1859	M	0.05				M	0.12 $\frac{1}{2}$
		1860	M	0.06				ml	0.10
		1861	M	0.08				L	0.09
		1862	M	0.08			1865	H	0.20
		1863	M	0.10				M	0.16
		1864	M	0.14				ml	0.13
		1865	M	0.14				L	0.10
		1866	M	0.14			1866	H	0.15
		1867	H	0.15				M	0.12 $\frac{1}{2}$
			L	0.14				L	0.10
		1868	M	0.14			1867	H	0.15
		1869	H	0.14				M	0.13
			L	0.12				L	0.10
		1870	M	0.12			1868	H	0.15
		1871	M	0.12				M	0.12 $\frac{1}{2}$
		1872	M	0.12				L	0.10
		1873	M	0.12			1869	H	0.15
		1874	H	0.12				M	0.13
			L	0.10				L	0.10
		1875	M	0.12			1870	H	0.12 $\frac{1}{2}$
		1876	M	0.10				L	0.10
		1877	M	0.10			1871	H	0.13
		1878	M	0.10				L	0.11
		1879	M	0.10			1872	H	0.12 $\frac{1}{2}$
		1880	M	0.10				L	0.10
		1884	M	0.10			1873	H	0.12 $\frac{1}{2}$
		1885	M	0.10				L	0.10
New York, . . .	lb.	1851	H	0.08			1874	H	0.12 $\frac{1}{2}$
			M	0.06				L	0.10
			L	0.05			1875	H	0.12 $\frac{1}{2}$
		1852	H	0.08				M	0.10
			L	0.05				L	0.08
		1853	H	0.08			1876	H	0.12 $\frac{1}{2}$
			M	0.06				M	0.10
			L	0.04 $\frac{1}{2}$				L	0.08
		1854	H	0.08			1877	H	0.10
			M	0.06 $\frac{1}{4}$				L	0.08
			L	0.05			1878	H	0.12
		1855	H	0.08				M	0.10
			M	0.07				L	0.08
			L	0.05			1879	H	0.12
		1856	H	0.09				M	0.10
			mh	0.08				L	0.08
			M	0.07			1880	H	0.10
			L	0.06				L	0.08
		1857	H	0.10			1884	H	0.10
			M	0.07				L	0.08
			L	0.05 $\frac{3}{4}$			1885	M	0.10
		1858	H	0.10	Ohio, . . .	lb.	1851	H	0.07
			M	0.06				L	0.06
			L	0.05			1852	H	0.08
		1859	H	0.10				L	0.06

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CEREALS, ETC.</b> — Con.					<b>CEREALS, ETC.</b> — Con.				
<b>Rice — Con.</b>					<b>Rice — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Ohio, . . . .	lb.	1853	H	\$0.08	Ohio, . . . .	lb.	1877	H	\$0.12 $\frac{1}{2}$
			L	0.06				M	0.10
		1854	H	0.07				L	0.08
			L	0.06			1878	H	0.10
		1855	M	0.07				M	0.08 $\frac{1}{2}$
		1856	H	0.08				L	0.07
			M	0.07			1879	H	0.10
			L	0.06				M	0.09
		1857	H	0.08				L	0.08
			M	0.07			1880	H	0.10
			L	0.06				L	0.08
		1858	H	0.08			1885	M	0.10
			L	0.06			1887	H	0.10
		1859	H	0.08				M	0.07 $\frac{1}{2}$
			M	0.07				L	0.05
			L	0.06			1888	M	0.10
		1860	H	0.08	Pennsylvania, . .	lb.	1851	H	0.08
			L	0.06				L	0.05
		1861	H	0.10			1852	H	0.08
			M	0.08				L	0.06 $\frac{1}{2}$
			L	0.06			1853	H	0.08
		1862	H	0.12				L	0.06 $\frac{1}{2}$
			M	0.10			1854	H	0.08
			L	0.08				L	0.06 $\frac{1}{2}$
		1863	H	0.15			1855	M	0.08
			M	0.12 $\frac{1}{2}$			1856	H	0.08
			L	0.10				L	0.07
		1864	H	0.20			1857	H	0.08
			mh	0.18				L	0.07
			M	0.12 $\frac{1}{2}$			1858	H	0.08
			L	0.10				L	0.06
		1865	H	0.20			1859	H	0.08
			mh	0.18				L	0.05
			M	0.15			1860	H	0.08
			ml	0.12 $\frac{1}{2}$				L	0.06
			L	0.10			1861	H	0.08
		1866	H	0.20				L	0.07
			M	0.15			1862	H	0.09
			ml	0.12 $\frac{1}{2}$				L	0.08
			L	0.10			1863	M	0.10
		1867	H	0.15			1864	H	0.20
			L	0.10				L	0.13
		1868	H	0.15			1865	H	0.20
			M	0.12 $\frac{1}{2}$				L	0.14
			L	0.10			1866	H	0.18
		1869	H	0.15				L	0.13
			M	0.13			1867	H	0.18
			L	0.10				M	0.15
		1870	H	0.15				L	0.13
			M	0.12 $\frac{1}{2}$			1868	H	0.16
			L	0.10				L	0.13
		1871	H	0.12 $\frac{1}{2}$			1869	H	0.15
			M	0.10				L	0.12
			L	0.08			1870	H	0.15
		1872	H	0.13				L	0.11
			M	0.10			1871	H	0.14
			L	0.08				L	0.12
		1873	H	0.12 $\frac{1}{2}$			1872	H	0.14
			M	0.10				L	0.12
			L	0.08			1873	H	0.14
		1874	H	0.13				L	0.11
			M	0.10			1874	H	0.12 $\frac{1}{2}$
			L	0.08				L	0.11
		1875	H	0.13			1875	H	0.12 $\frac{1}{2}$
			M	0.10				L	0.10
			L	0.08			1876	H	0.12 $\frac{1}{2}$
		1876	H	0.10				L	0.10
			M	0.09			1877	H	0.10
			L	0.08				L	0.08

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
CEREALS, ETC. — Con.					CEREALS, ETC. — Con.				
Rice — Con.					Rice — Con.				
United States—Con.					United States—Con.				
Pennsylvania, .	lb.	1878	H	\$0.10	West Virginia, .	lb.	1873	M	\$0.07
			L	0.08			1874	M	0.07
		1879	H	0.10			1875	M	0.07
			L	0.07			1876	M	0.07
		1880	H	0.10			1877	M	0.08
			L	0.08			1878	M	0.07
		1884	H	0.10			1879	M	0.08
			L	0.08			1880	M	0.08
		1885	H	0.14	Wisconsin, .	lb.	1888	M	0.07
			mh	0.12½					
			M	0.10					
			ml	0.08					
			L	0.06	Foreign Countries.				
		1886	M	0.08	Australia, .	lb.	1836	M	0.18
		1888	M	0.05			1842	M	0.04
Rhode Island, .	lb.	1888	M	0.07½			1843	M	0.03
Tennessee, .	lb.	1851	M	0.06			1844	M	0.03½
		1855	M	0.07½			1845	M	0.06
		1856	M	0.06			1846	M	0.03
		1857	M	0.08			1847	M	0.07½
		1863	M	0.12½			1848	M	0.07
		1864	M	0.10			1849	M	0.07½
		1865	M	0.10			1850	M	0.08
		1866	M	0.15			1851	M	0.08
		1867	M	0.12½			1852	M	0.08
		1868	M	0.10			1853	M	0.08½
		1869	M	0.12½			1854	M	0.10
		1870	M	0.10			1855	M	0.12
		1871	H	0.11			1856	M	0.10½
			L	0.08			1857	M	0.10
		1872	M	0.10½			1858	M	0.12
		1873	H	0.11½			1859	M	0.08½
			L	0.10			1860	M	0.10
		1874	H	0.10			1861	M	0.08
			L	0.08½			1862	M	0.06
		1875	M	0.08			1863	M	0.06
		1876	H	0.10			1864	M	0.06
			L	0.08			1865	M	0.06
			M	0.10			1866	M	0.08
		1877	H	0.10			1867	M	0.07
			M	0.08			1868	M	0.08
			L	0.06½			1869	M	0.06
		1878	H	0.10			1870	M	0.06
			L	0.07½			1871	M	0.05
		1879	H	0.10			1872	M	0.06
			L	0.07			1873	M	0.05
		1880	H	0.10			1874	M	0.06
			L	0.07½			1875	M	0.06
West Virginia, .	lb.	1851	M	0.08			1876	M	0.06
		1852	M	0.08			1877	M	0.06
		1853	M	0.08			1878	M	0.06
		1854	M	0.08			1879	M	0.05
		1855	M	0.08			1880	M	0.06
		1856	M	0.08			1881	H	0.08
		1857	M	0.08				M	0.07
		1858	M	0.08				L	0.05
		1859	M	0.08			1882	M	0.07
		1860	M	0.07			1883	M	0.06
		1861	M	0.10			1884	M	0.05
		1862	M	0.15			1885	H	0.08
		1863	M	0.15				M	0.06
		1864	M	0.15				L	0.05
		1865	M	0.15			1886	M	0.04½
		1866	M	0.15			1887	M	0.06
		1867	M	0.12			1888	M	0.06
		1868	M	0.12			1889	M	0.06
		1869	M	0.10	Austria, .	lb.	1884	M	0.06
		1870	M	0.10			1885	M	0.06
		1871	M	0.07	Belgium, .	lb.	1884	H	0.05
		1872	M	0.07				L	0.04



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CEREALS, ETC.</b> — Con.					<b>CEREALS, ETC.</b> — Con.				
<b>Rice — Con.</b>					<b>Rice — Con.</b>				
<i>Foreign Countries</i> — Con.					<i>Foreign Countries</i> — Con.				
Belgium, . . . lb.	1885	H		\$0.05	Germany, . . . lb.	1889	M		\$0.07½
		L		0.04			ml		0.05
Bohemia, . . . lb.	1885	M		0.07			L		0.03½
Brazil, . . . lb.	1882	H		0.07			M		0.04
		L		0.04	Guiana, . . . lb.	1889	M		0.07
Canada, . . . lb.	1887	M		0.04	Hawaiian Islands, . lb.	1881	M		0.07
China, . . . lb.	1889	M		0.03½	Holland, . . . lb.	1882	H		0.04
Ecuador, . . . lb.	1883	M		0.05			L		0.03
	1885	H		0.08			L		0.06
		L		0.06			L		0.03½
		H		0.06			H		0.06
England, . . . lb.	1873	H		0.04			L		0.03½
		L		0.10	Italy, . . . lb.	1878	H		0.09
	1878	H		0.08			mh		0.07
		ml		0.05			M		0.06
		L		0.04			L		0.04
		L		0.03			L		0.06
	1879	H		0.08			M		0.12
		L		0.03½		1879	M		0.10
		L		0.04		1884	H		0.06
	1881	M		0.09			L		0.06
	1882	H		0.06			M		0.05
		M		0.03			L		0.04
		L		0.08	Japan, . . . lb.	1880	H		0.03
	1883	H		0.06			L		0.02
		M		0.03			M		0.02
		L		0.08	Mexico, . . . lb.	1887	M		0.10
	1884	H		0.03½		1881	H		0.07
		L		0.08			L		0.12½
	1885	H		0.04			L		0.09
		L		0.10		1882	H		0.15
France, . . . lb.	1884	H		0.05			L		0.10
		L		0.10			H		0.06
	1885	H		0.05			L		0.04
		L		0.05	New Zealand, . . lb.	1889	M		0.04
	1891	H		0.10½	Nova Scotia, . . lb.	1890	M		0.05
		M		0.09	Portugal, . . . lb.	1882	M		0.09½
		ml		0.05	Saxony, . . . lb.	1878	M		0.06
		L		0.03½	Scotland, . . . lb.	1878	H		0.05
Germany, . . . lb.	1868	M		0.05			M		0.04
	1869	M		0.05			L		0.05
	1870	M		0.04½		1879	H		0.04
	1871	M		0.04			L		0.04
	1872	M		0.06		1883	M		0.05
	1873	M		0.06		1884	M		0.04
	1874	M		0.06			M		0.07
	1875	M		0.05		1889	H		0.06
	1876	H		0.09			L		0.04
		L		0.05	Sicily, . . . lb.	1878	M		0.07
	1877	H		0.09			H		0.06
		L		0.05			M		0.04
	1878	H		0.12			L		0.07
		mh		0.10			M		0.06
		M		0.09	Spain, . . . lb.	1878	M		0.07
		ml		0.08			M		0.07
		L		0.05		1879	M		0.07
	1879	H		0.09		1884	M		0.07
		L		0.07		1889	M		0.04½
	1880	M		0.07			L		0.06
	1881	M		0.06	Switzerland, . . lb.	1882	H		0.05
	1882	H		0.03½			L		0.06
		L		0.02			M		0.06
	1883	M		0.10		1884	M		0.06
	1884	H		0.10		1885	M		0.06
		L		0.05	United States of Colombia, . . . lb.	1883	H		0.06½
	1885	H		0.10			L		0.05
		L		0.05	Venezuela, . . . lb.	1881	M		0.04
	1886	M		0.05	West Indies, . . lb.	1881	M		0.20
	1889	H		0.10		1889	M		0.02½
					<b>* Tobacco.</b>				
					<i>United States.</i>				
					Maryland, . . . lb.	1885	H		0.80
							M		0.50
							ml		0.40
							L		0.30

\* The quotations evidently include prices for both unmanufactured and manufactured tobacco. See analysis for further explanation.

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
CEREALS, ETC. — Con.					CEREALS, ETC. — Con.				
Tobacco — Con.					Tobacco — Con.				
United States—Con.					United States—Con.				
Massachusetts, .	lb.	1830	H	\$0.18	Michigan, .	lb.	1840	H	\$0.16
			L	0.12				L	0.03
		1831	H	0.17			1841	H	0.14
			L	0.10				L	0.04
		1832	H	0.16			1842	H	0.09
			L	0.10				L	0.02
		1833	M	0.18			1843	H	0.07
		1834	M	0.17				L	0.02
		1837	M	0.20			1844	H	0.06
		1838	H	0.21				L	0.02
			L	0.14			1845	H	0.07
		1839	H	0.27				L	0.02
			L	0.20			1846	H	0.07
		1840	M	0.25				L	0.02
		1841	H	0.28			1847	H	0.08
			L	0.20				L	0.02
		1842	M	0.20			1848	H	0.08
		1843	H	0.24				L	0.03
			L	0.20			1849	H	0.09
		1844	M	0.20				L	0.03
		1845	H	0.24			1850	H	0.14
			L	0.16				L	0.05
		1846	H	0.30			1851	H	0.14
			M	0.24				L	0.03
			L	0.18			1852	H	0.09
		1847	H	0.25				L	0.03
			L	0.12			1853	H	0.10
		1848	M	0.25				L	0.04
		1849	M	0.25			1854	H	0.11
		1850	M	0.28				L	0.05
		1851	M	0.34			1855	H	0.13
		1852	M	0.22				L	0.06
		1854	H	0.33			1856	H	0.18
			L	0.25				M	0.16
		1855	M	0.24				L	0.06
		1856	M	0.24			1857	H	0.20
		1857	M	0.31				L	0.07
		1858	M	0.30			1858	M	0.06
		1859	M	0.30			1859	H	0.14
Michigan, . . .	lb.	1825	H	0.09				L	0.04
			L	0.03			1860	H	0.13
		1826	H	0.08				L	0.03
			L	0.03			1861	H	0.16
		1827	H	0.06				L	0.03
			L	0.03			1862	H	0.30
		1828	H	0.06				L	0.06
			L	0.03			1863	H	0.36
		1829	H	0.07				L	0.08
			L	0.05			1864	H	0.55
		1830	H	0.07				L	0.08
			L	0.03			1865	H	0.45
		1831	H	0.06				L	0.07
			L	0.03			1866	H	0.18
		1832	H	0.06				L	0.08
			L	0.03			1867	H	0.16
		1833	H	0.08				L	0.09
			L	0.03			1868	H	0.15
		1834	H	0.08				L	0.08
			L	0.04			1869	H	0.13
		1835	H	0.11				L	0.08
			L	0.06			1870	H	0.12
		1836	H	0.10				L	0.07
			L	0.06			1871	H	0.11
		1837	H	0.09				L	0.06
			L	0.03			1872	H	0.16
		1838	H	0.13				L	0.09
			L	0.04			1873	H	0.16
		1839	H	0.16				L	0.09
			L	0.08			1874	H	0.25

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
CEREALS, ETC. — Con.					CEREALS, ETC. — Con.				
Tobacco — Con.					Tobacco — Con.				
United States—Con.					Foreign Countries — Con.				
Michigan, . . . lb.		1874	L	\$0.07	Australia, . . . lb.		1847	L	\$0.42
		1875	H	0.28			1848	H	1.04
			L	0.09				L	0.42
		1876	H	0.19			1849	H	1.10
			L	0.07				L	0.48
		1877	H	0.16			1850	H	1.16
			L	0.07				L	0.62
		1878	H	0.07			1851	H	1.86
			L	0.04 $\frac{1}{2}$				L	0.88
		1879	H	0.07 $\frac{1}{2}$			1852	H	1.92
			L	0.04 $\frac{1}{2}$				L	0.96
		1880	H	0.07 $\frac{1}{2}$			1853	H	1.80
			L	0.05				L	0.96
		1881	H	0.12			1854	H	1.32
			L	0.05 $\frac{1}{2}$				L	0.96
		1882	H	0.09			1855	H	1.20
			L	0.05 $\frac{1}{2}$				L	0.72
Minnesota, . . . lb.		1890	H	0.65			1856	H	1.26
			M	0.45				L	0.61
			L	0.35			1857	H	1.20
Missouri, . . . lb.		1889	H	0.50				L	0.62
			mh	0.40			1858	H	1.20
			M	0.35				L	0.60
			ml	0.30			1859	H	1.20
			L	0.25				L	0.60
New York, . . . lb.		1866	M	0.15 $\frac{1}{2}$			1860	H	1.20
		1867	M	0.11				L	0.54
		1868	M	0.11			1861	H	1.32
		1869	M	0.11				L	0.48
		1870	M	0.11			1862	H	1.44
		1871	M	0.09				L	1.08
		1872	M	0.10			1863	H	1.80
		1873	M	0.10				L	0.72
		1874	M	0.10			1864	H	1.32
		1875	M	0.11				L	0.36
		1876	M	0.10			1865	H	1.32
		1877	M	0.10				L	0.60
		1878	M	0.09			1866	H	1.20
		1879	M	0.08				L	0.60
		1880	M	0.08			1867	H	1.08
		1881	M	0.08				L	0.42
		1882	M	0.09			1868	H	1.20
		1883	M	0.08				L	0.42
		1884	M	0.09			1869	H	0.84
		1885	M	0.10				L	0.24
Pennsylvania, . . lb.		1875	H	1.00			1870	H	0.84
			M	0.80				L	0.30
			L	0.60			1871	H	0.72
		1880	H	0.50				L	0.24
			L	0.40			1872	H	0.84
								L	0.32
Foreign Countries.							1873	H	0.84
								L	0.48
Australia, . . . lb.		1836	M	0.78			1874	H	0.78
		1837	M	0.96				L	0.42
		1839	M	0.78			1875	H	0.90
		1840	M	0.78				L	0.48
		1841	M	0.78			1876	H	0.72
		1842	M	0.84				L	0.42
		1843	H	0.84			1877	H	0.84
			L	0.32				L	0.48
		1844	H	0.84			1878	H	0.72
			L	0.36				L	0.36
		1845	H,	1.08			1879	H	0.90
			L	0.36				L	0.36
		1846	H	1.08			1880	H	0.96
			L	0.42				L	0.48
		1847	H	1.04			1881	H	1.70

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CEREALS, ETC.</b> — Con.					<b>DAIRY PRODUCTS</b> — Con.				
<b>Tobacco — Con.</b>					<b>Butter — Con.</b>				
<i>Foreign Countries</i> — Con.					<i>United States—Con.</i>				
Australia, . . . lb.	1881	mh	\$1.21		Connecticut, . . lb.	1865	ml	\$0.35	
		M	0.97				L	0.33	
		ml	0.60			1866	H	0.50	
		L	0.48				M	0.48	
	1882	H	1.20				L	0.45	
		L	0.72			1867	M	0.36	
	1883	H	1.44			1868	H	0.60	
		L	0.72				M	0.50	
	1884	H	1.20				L	0.42	
		L	0.72			1869	H	0.45	
	1885	H	1.44				M	0.40	
		L	0.72				L	0.35	
	1886	H	1.20			1870	H	0.42	
		L	0.96				M	0.40	
	1887	H	1.20				L	0.35	
		L	0.96			1871	H	0.42	
	1888	H	1.20				mh	0.40	
		L	0.96				M	0.35	
China, . . . lb.	1889	H	0.70				L	0.30	
		L	0.35			1872	H	0.40	
France, . . . lb.	1891	M	1.13				M	0.35	
Guiana, . . . lb.	1889	M	0.48				L	0.30	
Mexico, . . . lb.	1882	M	0.25			1873	H	0.48	
New Zealand, . . lb.	1889	M	1.39				mh	0.40	
United States of							M	0.38	
Colombia, . . . lb.	1883	M	1.00				L	0.30	
Venezuela, . . . lb.	1881	M	0.48			1874	H	0.48	
West Indies, . . lb.	1881	M	0.48				mh	0.42	
							M	0.40	
							ml	0.38	
<b>DAIRY PRODUCTS.</b>							L	0.30	
<b>Butter.</b>						1875	H	0.45	
<i>United States.</i>							mh	0.38	
California, . . . lb.	1884	M	0.30				M	0.35	
	1886	M	0.26				L	0.25	
	1888	M	0.31 $\frac{1}{2}$			1876	H	0.38	
Colorado, . . . lb.	1888	H	0.50				mh	0.35	
		mh	0.41				M	0.32	
		M	0.36				ml	0.28	
		ml	0.30				L	0.25	
		L	0.22 $\frac{1}{2}$			1877	H	0.32	
Connecticut, . . lb.	1851	M	0.18				mh	0.30	
	1852	M	0.18				M	0.28	
	1853	H	0.30				L	0.25	
		L	0.17			1878	H	0.30	
	1854	H	0.27				M	0.28	
		L	0.22				L	0.25	
	1855	M	0.25			1879	M	0.27	
	1856	M	0.28			1880	H	0.35	
	1857	M	0.25				M	0.30	
	1858	M	0.25				ml	0.28	
	1859	M	0.25				L	0.25	
	1860	H	0.25			1887	H	0.38	
		M	0.22				L	0.30	
		L	0.16 $\frac{3}{4}$			1888	M	0.27	
	1861	M	0.22		Florida, . . . lb.	1866	M	0.65	
	1862	H	0.21			1867	M	0.55	
		L	0.18			1868	M	0.70	
	1863	H	0.25			1869	M	0.50	
		L	0.22			1871	M	0.45	
	1864	H	0.67			1872	M	0.45	
		M	0.40			1873	M	0.50	
		ml	0.32			1874	M	0.50	
		L	0.28			1875	M	0.40	
	1865	H	0.55			1876	M	0.40	
		M	0.42			1877	M	0.34	
						1878	M	0.30	
						1879	M	0.30	



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
DAIRY PRODUCTS — Con.					DAIRY PRODUCTS — Con.				
Butter — Con.					Butter — Con.				
United States—Con.					United States—Con.				
Florida, . . . . lb.	1880	M	\$0.30		Indiana, . . . . lb.	1852	M	\$0.30	
Illinois, . . . . lb.	1852	M	0.15			1853	M	0.30	
	1856	M	0.15			1854	M	0.35	
	1857	M	0.15			1855	M	0.35	
	1858	M	0.06			1856	M	0.30	
	1861	M	0.11			1857	M	0.35	
	1862	H	0.50			1858	M	0.30	
		L	0.15			1859	M	0.30	
	1863	H	0.50			1860	M	0.30	
		L	0.20			1861	M	0.25	
	1864	H	0.50			1862	M	0.30	
		L	0.20			1863	M	0.25	
	1865	H	0.40			1864	M	0.35	
		L	0.20			1865	M	0.45	
	1866	H	0.40			1866	H	0.35	
		M	0.35				L	0.30	
		L	0.17			1867	H	0.30	
	1867	H	0.30				L	0.25	
		L	0.15			1868	H	0.40	
	1868	H	0.35				L	0.35	
		M	0.30			1869	H	0.45	
		L	0.15				L	0.25	
	1869	H	0.35			1870	H	0.40	
		M	0.30				L	0.25	
		L	0.15			1871	H	0.30	
	1870	H	0.30				L	0.25	
		L	0.15			1872	M	0.25	
	1871	H	0.35			1873	H	0.30	
		M	0.25				L	0.25	
		ml	0.20			1874	H	0.30	
		L	0.15				L	0.25	
	1872	H	0.25			1875	H	0.25	
		M	0.20				L	0.20	
		L	0.15			1876	H	0.25	
	1873	H	0.25				L	0.15	
		M	0.20			1877	H	0.25	
		L	0.15				M	0.20	
	1874	H	0.40				L	0.15	
		M	0.20			1878	H	0.30	
		L	0.15				M	0.20	
	1875	H	0.30				L	0.15	
		L	0.15			1879	H	0.25	
	1876	H	0.25				M	0.20	
		M	0.20				L	0.15	
		L	0.15			1880	H	0.20	
	1877	H	0.25				M	0.18	
		M	0.20				L	0.15	
		L	0.15			1888	M	0.25	
	1878	H	0.40		Iowa, . . . . lb.	1862	M	0.12	
		M	0.20			1863	M	0.15	
		L	0.15			1864	M	0.20	
	1879	H	0.40			1865	M	0.25	
		M	0.25			1866	M	0.20	
		ml	0.20			1867	M	0.25	
		L	0.15			1868	M	0.35	
	1880	H	0.25			1869	M	0.20	
		M	0.20			1870	M	0.20	
		L	0.15			1871	M	0.25	
	1884	H	0.40			1872	M	0.25	
		mh	0.30			1873	M	0.25	
		M	0.28			1874	M	0.20	
		ml	0.22			1875	M	0.20	
		L	0.16			1876	M	0.20	
	1885	H	0.35			1877	M	0.20	
		M	0.28			1878	M	0.20	
		ml	0.20			1879	M	0.25	
		L	0.15			1880	M	0.25	
Indiana, . . . . lb.	1888	M	0.25			1885	H	0.35	
	1851	M	0.35				mh	0.30	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>DAIRY PRODUCTS</b> — Con.					<b>DAIRY PRODUCTS</b> — Con.				
<b>Butter — Con.</b>					<b>Butter — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Iowa, . . . . lb.	1885	M	\$0.20		Massachusetts, . lb.	1839	H	\$0.33	
		ml	0.15				L	0.24	
		L	0.12 $\frac{1}{2}$			1840	H	0.24	
	1887	H	0.25 $\frac{1}{2}$				L	0.16	
		mh	0.21 $\frac{1}{2}$			1841	H	0.25	
		M	0.18				L	0.20	
		ml	0.14			1842	H	0.21	
		L	0.11				L	0.11	
	1888	M	0.24			1843	H	0.19	
Kansas, . . . . lb.	1871	M	0.15				L	0.15	
	1872	M	0.15			1844	H	0.19	
	1873	M	0.17				L	0.11	
	1874	M	0.18			1845	H	0.23	
	1875	M	0.15				L	0.13	
	1876	M	0.15			1846	H	0.23	
	1877	M	0.16				L	0.14	
	1878	M	0.15			1847	H	0.27	
	1879	M	0.12				L	0.16	
	1880	H	0.30			1848	H	0.28	
		L	0.12 $\frac{1}{2}$				M	0.21	
	1882	M	0.25				ml	0.18	
	1884	M	0.30				L	0.14	
	1888	M	0.15			1849	H	0.27	
Kentucky, . . . lb.	1872	M	0.15				L	0.20	
	1873	M	0.20			1850	H	0.26 $\frac{1}{4}$	
	1874	M	0.18				M	0.20	
	1875	M	0.22				L	0.12	
	1876	M	0.25			1851	H	0.20	
	1877	M	0.10				mh	0.17	
	1880	M	0.15				M	0.14	
Maine, . . . . lb.	1858	H	0.22				L	0.10	
		L	0.20			1852	H	0.23	
	1866	H	0.50				L	0.18	
		L	0.40			1853	H	0.25	
	1868	H	0.55				M	0.23	
		L	0.45				L	0.20	
	1876	M	0.30			1854	H	0.26	
	1878	H	0.27				M	0.21 $\frac{1}{2}$	
		L	0.20				L	0.18	
	1886	M	0.25			1855	H	0.28 $\frac{1}{2}$	
	1887	H	0.28				L	0.24 $\frac{1}{2}$	
		L	0.25			1856	H	0.26	
	1888	H	0.28				M	0.24	
		L	0.25				L	0.20	
	1889	H	0.28			1857	H	0.26 $\frac{1}{4}$	
		M	0.25				L	0.23 $\frac{1}{2}$	
		L	0.20			1858	H	0.40	
Maryland, . . . lb.	1882	H	0.35				M	0.28 $\frac{1}{2}$	
		L	0.28				ml	0.25	
	1885	H	0.35				L	0.20	
		M	0.30			1859	H	0.28	
		L	0.20				M	0.24 $\frac{1}{2}$	
Massachusetts, . lb.	1830	H	0.19				L	0.20	
		M	0.15			1860	H	0.29	
		L	0.11				M	0.25	
	1831	H	0.16				L	0.22	
		L	0.12			1861	H	0.24	
	1832	H	0.21				M	0.21 $\frac{1}{2}$	
		L	0.17				L	0.18 $\frac{1}{2}$	
	1833	H	0.25			1862	H	0.23	
		L	0.17				L	0.19 $\frac{1}{2}$	
	1834	H	0.23			1863	H	0.26 $\frac{1}{2}$	
		L	0.18				L	0.22 $\frac{1}{2}$	
	1835	H	0.25			1864	H	0.39	
		L	0.19				M	0.34 $\frac{3}{4}$	
	1836	H	0.30				L	0.32	
		L	0.25			1865	H	0.45 $\frac{1}{2}$	
	1837	M	0.23				L	0.39 $\frac{1}{2}$	
	1838	M	0.24			1866	H	0.48	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>DAIRY PRODUCTS</b> — Con.					<b>DAIRY PRODUCTS</b> — Con.				
<b>Butter — Con.</b>					<b>Butter — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Massachusetts, . lb.	1866	M	\$0.44		Michigan, . lb.	1833	H	\$0.20	
		L	0.42				L	0.14	
	1867	H	0.40			1834	H	0.17	
		M	0.38 $\frac{1}{2}$				L	0.12	
		L	0.33			1835	H	0.22	
	1868	H	0.47				L	0.13	
		M	0.45			1836	H	0.26	
		L	0.40				L	0.10	
	1869	H	0.45			1837	H	0.24	
		L	0.42 $\frac{1}{2}$				L	0.12	
	1870	H	0.46 $\frac{1}{2}$			1838	H	0.27	
		L	0.40				L	0.17	
	1871	H	0.40			1839	H	0.25	
		M	0.38				L	0.12	
		L	0.34 $\frac{2}{3}$			1840	H	0.21	
	1872	H	0.42				L	0.12	
		M	0.37			1841	H	0.15	
		L	0.32 $\frac{3}{4}$				L	0.08	
	1873	H	0.43			1842	H	0.15	
		M	0.39				L	0.09	
		L	0.35			1843	H	0.11	
	1874	H	0.43				L	0.06	
		L	0.38			1844	H	0.14	
	1875	H	0.38				L	0.08	
		L	0.33 $\frac{1}{2}$			1845	H	0.17	
	1876	H	0.37				L	0.09	
		M	0.35			1846	H	0.17	
		L	0.32				L	0.10	
	1877	H	0.35			1847	H	0.22	
		M	0.33				L	0.13	
		L	0.31			1848	H	0.20	
	1878	H	0.65				L	0.13	
		M	0.30			1849	H	0.18	
		L	0.25				L	0.10	
	1879	H	0.30 $\frac{2}{3}$			1850	H	0.18	
		L	0.24 $\frac{2}{3}$				L	0.12	
	1880	H	0.45			1851	H	0.18	
		mh	0.38				L	0.10	
		M	0.32			1852	H	0.29	
		ml	0.27				L	0.15	
		L	0.20			1853	H	0.24	
	1881	M	0.35				L	0.13	
	1885	H	0.40			1854	H	0.24	
		mh	0.35				L	0.15	
		M	0.31			1855	H	0.28	
		ml	0.27				L	0.17	
		L	0.22			1856	H	0.28	
	1888	M	0.30				L	0.13	
	1891	H	0.45			1857	H	0.28	
		mh	0.38				L	0.16	
		M	0.31			1858	H	0.25	
		ml	0.24				L	0.13	
		L	0.17			1859	H	0.27	
Michigan, . lb.	1825	H	0.22				L	0.14	
		L	0.08			1860	H	0.21	
	1826	H	0.18				L	0.10	
		L	0.13			1861	H	0.22	
	1827	H	0.22				L	0.08	
		L	0.12			1862	H	0.26	
	1828	H	0.18				L	0.10	
		L	0.13			1863	H	0.30	
	1829	H	0.16				L	0.14	
		L	0.12			1864	H	0.48	
	1830	H	0.16				L	0.21	
		L	0.12			1865	H	0.38	
	1831	H	0.18				L	0.20	
		L	0.12			1866	H	0.60	
	1832	H	0.18				L	0.25	
		L	0.12			1867	H	0.48	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
DAIRY PRODUCTS — Con.					DAIRY PRODUCTS — Con.				
Butter — Con.					Butter — Con.				
United States—Con.					United States—Con.				
Michigan, . . . .	lb.	1867	L	\$0.15	Missouri, . . . .	lb.	1865	H	\$0.35
		1868	H	0.60				M	0.30
			L	0.28				L	0.25
		1869	H	0.55			1866	H	0.30
			L	0.16				L	0.25
		1870	H	0.46			1867	H	0.30
			L	0.18				L	0.25
		1871	H	0.42			1868	H	0.30
			L	0.12				L	0.25
		1872	H	0.39			1869	H	0.30
			L	0.20				L	0.25
		1873	H	0.50			1870	H	0.40
			L	0.18				L	0.25
		1874	H	0.39			1871	M	0.25
			L	0.18			1872	H	0.25
		1875	H	0.28				L	0.20
			L	0.17			1873	M	0.25
		1876	H	0.33			1874	H	0.30
			L	0.15				L	0.25
		1877	H	0.24			1875	H	0.35
			L	0.13				L	0.25
		1878	H	0.20			1876	M	0.25
			L	0.06			1877	H	0.25
		1879	H	0.24				L	0.20
			L	0.10			1878	H	0.30
		1880	H	0.30				M	0.20
			L	0.14				L	0.15
		1881	H	0.30			1879	H	0.20
			L	0.12				L	0.15
		1882	H	0.38			1880	H	0.25
			L	0.16				L	0.07
		1885	H	0.33			1884	H	0.35
			mh	0.27 $\frac{1}{2}$				mh	0.27 $\frac{1}{2}$
			M	0.23 $\frac{1}{2}$				M	0.20
			ml	0.18 $\frac{1}{2}$				ml	0.12 $\frac{1}{2}$
			L	0.14				L	0.06
		1886	M	0.30			1889	H	0.30
Minnesota, . . .	lb.	1888	H	0.24				mh	0.25
			L	0.20 $\frac{1}{4}$				M	0.20
		1890	H	0.28				ml	0.15
			mh	0.25				L	0.10
			M	0.22	Nebraska, . . .	lb.	1888	M	0.21 $\frac{1}{2}$
			ml	0.18	New Jersey, . .	lb.	1851	M	0.25
			L	0.15			1852	M	0.25
Missouri, . . . .	lb.	1851	M	0.15			1853	M	0.25
		1852	M	0.15			1854	M	0.25
		1853	M	0.15			1855	M	0.28
		1854	H	0.17 $\frac{1}{2}$			1856	M	0.30
			L	0.10			1857	M	0.28
		1855	H	0.20			1858	M	0.25
			L	0.10			1859	M	0.25
		1856	H	0.20			1860	M	0.25
			L	0.10			1861	M	0.25
		1857	H	0.30			1862	M	0.25
			L	0.15			1863	M	0.28
		1858	H	0.20			1864	M	0.45
			M	0.17 $\frac{1}{2}$			1865	M	0.45
			L	0.15			1866	M	0.45
		1859	M	0.20			1867	H	0.47
		1860	H	0.20				L	0.38
			L	0.15			1868	M	0.45
		1861	H	0.25			1869	H	0.52
			L	0.20				L	0.45
		1862	H	0.25			1870	M	0.38
			L	0.15			1871	M	0.40
		1863	H	0.25			1872	M	0.35
			L	0.20			1873	M	0.40
		1864	H	0.35			1874	H	0.45 $\frac{3}{4}$
			L	0.30				L	0.40



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
DAIRY PRODUCTS — Con.					DAIRY PRODUCTS — Con.				
Butter — Con.					Butter — Con.				
United States—Con.					United States—Con.				
New Jersey, . . . lb.	1875	M	\$0.38		New York, . . . lb.	1865	mh	\$0.34	
	1876	M	0.35				M	0.30	
	1877	M	0.35				ml	0.28	
	1878	H	0.30				L	0.25	
		L	0.20			1866	H	0.40	
	1879	H	0.30				M	0.33	
		L	0.22				ml	0.28	
	1880	M	0.30				L	0.25	
	1882	H	0.50			1867	H	0.40	
		mh	0.45				mh	0.35	
		M	0.38				M	0.28	
		ml	0.32				ml	0.24	
		L	0.25				L	0.20	
	1884	H	0.35			1868	H	0.50	
		L	0.24				mh	0.42	
	1885	H	0.35				M	0.30	
		L	0.25				ml	0.28	
	1886	H	0.48				L	0.20	
		mh	0.40			1869	H	0.50	
		M	0.32				mh	0.42	
		ml	0.25				M	0.36½	
		L	0.15				ml	0.30	
New York, . . . lb.	1816	M	0.25				L	0.20	
	1851	H	0.20			1870	H	0.37½	
		M	0.16				mh	0.33	
		L	0.13				M	0.29	
	1852	H	0.20				L	0.20	
		L	0.16			1871	H	0.38	
	1853	H	0.24				mh	0.32	
		M	0.20				M	0.30	
		L	0.15				ml	0.28	
	1854	H	0.23				L	0.21½	
		M	0.20			1872	H	0.36	
		ml	0.18				mh	0.30	
		L	0.16				M	0.27	
	1855	H	0.25				L	0.19	
		M	0.20			1873	H	0.42	
		L	0.16				M	0.34	
	1856	H	0.25				ml	0.25	
		M	0.19				L	0.21	
		L	0.16			1874	H	0.44	
	1857	H	0.25				M	0.35	
		mh	0.22				ml	0.30	
		M	0.20				L	0.25	
		L	0.14			1875	H	0.32	
	1858	H	0.25				M	0.30	
		M	0.21				L	0.24	
		L	0.17			1876	H	0.35	
	1859	H	0.25				mh	0.30	
		M	0.18				M	0.27	
		L	0.15				ml	0.22	
	1860	H	0.25				L	0.18	
		M	0.20			1877	H	0.35	
		ml	0.17				M	0.25	
		L	0.15				ml	0.22	
	1861	H	0.16				L	0.20	
		M	0.15			1878	H	0.32	
		L	0.14				M	0.25	
	1862	H	0.16				ml	0.20	
		M	0.14				L	0.16	
		L	0.10			1879	H	0.32	
	1863	H	0.20				mh	0.25	
		M	0.19				M	0.20	
		L	0.18				ml	0.16	
	1864	H	0.60				L	0.13	
		M	0.50			1880	H	0.35	
		ml	0.34				mh	0.30	
		L	0.28				M	0.26	
	1865	H	0.37				ml	0.20	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
DAIRY PRODUCTS — Con.					DAIRY PRODUCTS — Con.				
Butter—Con.					Butter—Con.				
United States—Con.					United States—Con.				
New York, . . .	lb.	1880	L	\$0.17	Ohio, . . .	lb.	1869	H	\$0.30
		1881	M	0.20				mh	0.27
		1882	H	0.40				M	0.20
			mh	0.36			1870	L	0.15
			M	0.30				H	0.30
			ml	0.25				mh	0.25
			L	0.19				M	0.22
		1883	M	0.19			1871	L	0.17
		1884	H	0.30				H	0.30
			M	0.25				mh	0.25
			L	0.18				M	0.20
		1885	H	0.30				ml	0.14
			L	0.17				L	0.12½
Ohio, . . .	lb.	1861	H	0.12			1872	H	0.30
			M	0.08				mh	0.25
			L	0.05				M	0.20
		1862	H	0.12				L	0.12½
			M	0.08			1873	H	0.30
			L	0.06				mh	0.25
		1853	H	0.14				M	0.20
			L	0.07				ml	0.14
		1854	H	0.13				L	0.10
			L	0.08			1874	H	0.30
		1855	H	0.15				mh	0.25
			M	0.09				M	0.20
			L	0.07				ml	0.15
		1856	H	0.13				L	0.10
			L	0.09			1875	H	0.25
		1857	H	0.14				M	0.20
			L	0.09				ml	0.12½
		1858	H	0.15				L	0.10
			L	0.10			1876	H	0.20
		1859	H	0.30				M	0.17
			M	0.20				ml	0.12½
			ml	0.13				L	0.10
			L	0.10			1877	H	0.30
		1860	H	0.18				mh	0.25
			M	0.13				M	0.20
			L	0.10				ml	0.15
		1861	H	0.15				L	0.10
			M	0.12			1878	H	0.24
			L	0.08				mh	0.20
		1862	H	0.15				M	0.18
			M	0.10				ml	0.13
			L	0.08				L	0.10
		1863	H	0.25			1879	H	0.20
			M	0.18				mh	0.18
			ml	0.15				M	0.16
			L	0.10				ml	0.12½
		1864	H	0.45				L	0.10
			mh	0.40			1880	H	0.30
			M	0.30				mh	0.25
			L	0.15				M	0.20
		1865	H	0.35				ml	0.15
			mh	0.33				L	0.10
			M	0.25			1881	H	0.28
			L	0.14				mh	0.25
		1866	H	0.35				M	0.23
			M	0.33				ml	0.20
			L	0.30			1882	L	0.18
		1867	H	0.32				H	0.36
			mh	0.30				M	0.30
			M	0.25				ml	0.23
			L	0.20				L	0.20
		1868	H	0.35			1885	H	0.25
			mh	0.32				L	0.20
			M	0.50			1887	H	0.32
			ml	0.25				mh	0.28
			L	0.20				M	0.23

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>DAIRY PRODUCTS</b> — Con.					<b>DAIRY PRODUCTS</b> — Con.				
<b>Butter</b> — Con.					<b>Butter</b> — Con.				
<i>United States</i> —Con.					<i>United States</i> —Con.				
Ohio, . . . . lb.	1887	ml	\$0.20		Pennsylvania, . lb.	1877	<b>H</b>	\$0.33	
		<b>L</b>	0.15				<b>M</b>	0.30	
	1888	<b>M</b>	0.23				<b>L</b>	0.20	
Pennsylvania, . lb.	1851	<b>H</b>	0.14			1878	<b>H</b>	0.35	
		<b>L</b>	0.08				mh	0.30	
	1852	<b>H</b>	0.15				<b>M</b>	0.28	
		<b>L</b>	0.08				<b>L</b>	0.20	
	1853	<b>H</b>	0.16			1879	<b>H</b>	0.35	
		<b>L</b>	0.08				<b>M</b>	0.30	
	1854	<b>H</b>	0.20				<b>L</b>	0.18	
		<b>L</b>	0.08			1880	<b>H</b>	0.45	
	1855	<b>H</b>	0.25				mh	0.36	
		<b>L</b>	0.08				<b>M</b>	0.28	
	1856	<b>H</b>	0.23				ml	0.20	
		<b>L</b>	0.08				<b>L</b>	0.12	
	1857	<b>H</b>	0.25			1881	<b>H</b>	0.51	
		<b>L</b>	0.08				mh	0.44	
	1858	<b>H</b>	0.18				<b>M</b>	0.38	
		<b>L</b>	0.08				ml	0.32	
	1859	<b>H</b>	0.33				<b>L</b>	0.26	
		<b>L</b>	0.08			1882	<b>H</b>	0.50	
	1860	<b>H</b>	0.23				mh	0.43	
		<b>L</b>	0.08				<b>M</b>	0.36	
	1861	<b>H</b>	0.20				ml	0.29	
		<b>M</b>	0.16				<b>L</b>	0.22	
		<b>L</b>	0.06			1884	<b>H</b>	0.50	
	1862	<b>H</b>	0.22				mh	0.40	
		<b>M</b>	0.16				<b>M</b>	0.32	
		<b>L</b>	0.10				ml	0.24	
	1863	<b>H</b>	0.25				<b>L</b>	0.15	
		<b>L</b>	0.14			1885	<b>H</b>	0.40	
	1864	<b>H</b>	0.38				mh	0.32	
		<b>M</b>	0.25				<b>M</b>	0.27	
		<b>L</b>	0.18				ml	0.22	
	1865	<b>H</b>	0.35				<b>L</b>	0.15	
		<b>M</b>	0.30			1888	<b>M</b>	0.25	
		<b>L</b>	0.18			1888	<b>M</b>	0.26½	
	1866	<b>H</b>	0.45		Rhode Island, . lb.	1851	<b>M</b>	0.15	
		<b>M</b>	0.28		Tennessee, . lb.	1855	<b>M</b>	0.20	
		<b>L</b>	0.20			1856	<b>M</b>	0.25	
	1867	<b>H</b>	0.38			1857	<b>M</b>	0.30	
		mh	0.36			1863	<b>M</b>	0.30	
		<b>M</b>	0.28			1864	<b>M</b>	0.40	
		<b>L</b>	0.20			1865	<b>M</b>	0.40	
	1868	<b>H</b>	0.55			1866	<b>M</b>	0.35	
		<b>M</b>	0.28			1867	<b>M</b>	0.25	
		<b>L</b>	0.20			1868	<b>M</b>	0.25	
	1869	<b>H</b>	0.45			1869	<b>M</b>	0.25	
		mh	0.40			1870	<b>M</b>	0.25	
		<b>M</b>	0.28			1871	<b>H</b>	0.30	
		<b>L</b>	0.20				<b>L</b>	0.20	
	1870	<b>H</b>	0.35			1872	<b>H</b>	0.27	
		<b>L</b>	0.20				<b>L</b>	0.20	
	1871	<b>H</b>	0.35			1873	<b>H</b>	0.40	
		<b>M</b>	0.30				<b>L</b>	0.20	
		<b>L</b>	0.20			1874	<b>H</b>	0.35	
	1872	<b>H</b>	0.35				<b>M</b>	0.25	
		<b>L</b>	0.20				<b>L</b>	0.20	
	1873	<b>H</b>	0.35			1875	<b>H</b>	0.28	
		<b>L</b>	0.20				<b>L</b>	0.20	
	1874	<b>H</b>	0.35½			1876	<b>H</b>	0.25	
		<b>M</b>	0.30				<b>L</b>	0.20	
		<b>L</b>	0.20			1877	<b>H</b>	0.25	
	1875	<b>H</b>	0.50				<b>M</b>	0.20	
		<b>M</b>	0.33				<b>L</b>	0.15	
		<b>L</b>	0.20			1878	<b>H</b>	0.20	
	1876	<b>H</b>	0.40				<b>L</b>	0.15	
		<b>M</b>	0.30			1879	<b>H</b>	0.20	
		<b>L</b>	0.20				<b>L</b>	0.14	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>DAIRY PRODUCTS</b> — Con.					<b>DAIRY PRODUCTS</b> — Con.				
<b>Butter—Con.</b>					<b>Butter—Con.</b>				
<i>United States—Con.</i>					<i>Foreign Countries</i> — Con.				
Tennessee, . . . lb.	1880	H	\$0.25		Australia, . . . lb.	1851	L	\$0.24	
		M	0.20			1852	H	0.30	
		L	0.12½				L	0.24	
United States (not specified), . . . lb.	1881	M	0.25			1853	H	0.34½	
West Virginia, . . lb.	1851	M	0.16				L	0.27	
	1852	M	0.16			1854	H	0.54	
	1853	M	0.16				L	0.48	
	1854	M	0.16			1855	H	0.56	
	1855	M	0.16				L	0.48	
	1856	M	0.16			1856	H	0.46	
	1857	M	0.16				L	0.42	
	1858	M	0.16			1857	H	0.48	
	1859	M	0.16				L	0.42	
	1860	M	0.16			1858	H	0.48	
	1861	M	0.20				L	0.42	
	1862	M	0.20			1859	H	0.44	
	1863	M	0.20				L	0.36	
	1864	M	0.20			1860	H	0.36	
	1865	M	0.20				L	0.32	
	1866	M	0.20			1861	H	0.40	
	1867	M	0.20				L	0.32	
	1868	M	0.20			1862	H	0.54	
	1869	M	0.20				L	0.24	
	1870	M	0.20			1863	H	0.36	
	1871	M	0.22				L	0.24	
	1872	M	0.22			1864	H	0.36	
	1873	M	0.22				L	0.24	
	1874	M	0.22			1865	H	0.42	
	1875	M	0.22				L	0.36	
	1876	M	0.20			1866	H	0.30	
	1877	M	0.20				L	0.24	
	1878	M	0.20			1867	H	0.36	
	1879	M	0.20				L	0.30	
	1880	M	0.22			1868	H	0.30	
Wisconsin, . . . lb.	1880	M	0.15				L	0.20	
	1881	M	0.18			1869	H	0.36	
	1882	M	0.20				L	0.30	
	1883	M	0.20			1870	H	0.30	
	1884	H	0.30				L	0.24	
		M	0.20			1871	H	0.30	
		L	0.18				L	0.24	
	1888	M	0.11½			1872	H	0.24	
<i>Foreign Countries.</i>							L	0.21	
Australia, . . . lb.	1836	H	0.54			1873	H	0.30	
		L	0.42				L	0.24	
	1837	H	0.60			1874	H	0.38	
		L	0.42				L	0.32	
	1842	H	0.60			1875	H	0.30	
		L	0.48				L	0.24	
	1843	H	0.42			1876	M	0.30	
		L	0.24			1877	H	0.36	
	1844	H	0.34				L	0.32	
		L	0.18			1878	H	0.30	
	1845	H	0.36				L	0.24	
		L	0.24			1879	H	0.21	
	1846	H	0.40				L	0.16	
		L	0.30			1880	H	0.20	
	1847	H	0.28				L	0.16	
		L	0.24			1881	H	0.21	
	1848	H	0.26				L	0.14	
		L	0.22			1882	M	0.30	
	1849	H	0.28			1883	H	0.36	
		L	0.24				L	0.30	
	1850	H	0.30			1884	H	0.30	
		L	0.24				L	0.24	
	1851	H	0.30			1885	H	0.36	
							L	0.30	
						1886	H	0.48	



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>DAIRY PRODUCTS</b> — Con.					<b>DAIRY PRODUCTS</b> — Con.				
<b>Butter—Con.</b>					<b>Butter—Con.</b>				
<i>Foreign Countries</i> — Con.					<i>Foreign Countries</i> — Con.				
Australia, . . . lb.	1886	L	\$0.40		England, . . . lb.	1882	L	\$0.20	
	1887	H	0.30			1883	H	0.40	
		L	0.23				mh	0.34	
	1888	H	0.46				M	0.30	
		L	0.40				ml	0.24	
	1889	H	0.37				L	0.20	
		mh	0.32			1884	H	0.38	
		M	0.27				M	0.32	
		ml	0.22				ml	0.29	
		L	0.17½				L	0.24	
Austria, . . . lb.	1878	H	0.50			1885	H	0.32	
		M	0.24½				L	0.24	
	1884	L	0.20		France, . . . lb.	1878	H	0.40	
		H	0.28				M	0.30	
		M	0.25				L	0.25	
		L	0.16			1879	M	0.25	
	1885	H	0.28			1880	M	0.30	
		M	0.25			1882	H	0.60	
		L	0.16				L	0.33	
Belgium, . . . lb.	1878	H	0.50			1884	H	0.60	
		mh	0.40				M	0.32	
		M	0.30				L	0.25	
		ml	0.26			1885	H	0.60	
		L	0.20				M	0.40	
	1879	H	0.50				ml	0.35	
		L	0.20				L	0.32	
	1882	H	0.40			1889	H	0.30	
		M	0.30				L	0.22	
		L	0.20			1891	H	0.36	
	1884	H	0.50				L	0.27	
		M	0.32		Germany, . . . lb.	1850	H	0.14	
		L	0.20				L	0.12	
	1885	M	0.20			1865	M	0.24	
Bohemia, . . . lb.	1885	H	0.44			1866	M	0.23	
		L	0.35			1867	M	0.22½	
Brazil, . . . lb.	1882	H	0.60			1868	M	0.25	
		L	0.50			1869	M	0.27	
Canada, . . . lb.	1882	H	0.35			1870	H	0.34	
		mh	0.30				L	0.24	
		M	0.26			1871	M	0.28	
		ml	0.20			1872	M	0.28	
		L	0.16			1873	M	0.33	
	1887	H	0.25			1874	M	0.33	
		mh	0.22			1875	H	0.36	
		M	0.20				M	0.32	
		L	0.16				L	0.28	
China, . . . lb.	1889	H	1.00			1876	M	0.35	
		L	0.50			1877	H	0.35	
Denmark, . . . lb.	1878	M	0.39				M	0.29	
Ecuador, . . . lb.	1883	H	0.70				L	0.18	
		L	0.50			1878	H	0.36	
	1885	M	0.12				mh	0.30	
England, . . . lb.	1873	H	0.32				M	0.25	
		M	0.28				ml	0.19	
		L	0.24				L	0.15	
	1878	H	0.48			1879	H	0.28	
		mh	0.38				L	0.22	
		M	0.34			1880	H	0.32	
		ml	0.28				mh	0.29½	
		L	0.20				M	0.26½	
	1879	H	0.38				ml	0.24	
		L	0.29				L	0.22½	
	1880	H	0.40			1881	H	0.31	
		L	0.20				M	0.27	
	1881	M	0.30				L	0.22	
	1882	H	0.48			1882	H	0.34	
		mh	0.42				mh	0.30	
		M	0.36				M	0.28	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>DAIRY PRODUCTS</b> — Con.					<b>DAIRY PRODUCTS</b> — Con.				
<b>Butter — Con.</b>					<b>Butter — Con.</b>				
<i>Foreign Countries</i> — Con.					<i>Foreign Countries</i> — Con.				
Germany, . . . lb.	1882	L	\$0.21½		Nova Scotia, . . lb.	1890	M	\$0.22	
	1883	H	0.27		Portugal, . . . lb.	1878	M	0.41	
		M	0.25			1882	M	0.26	
		L	0.22		Prussia, . . . lb.	1878	H	0.35	
	1884	H	0.38				M	0.32	
		M	0.30				L	0.31	
		ml	0.25			1880	H	0.26	
		L	0.20				L	0.24	
	1885	H	0.38			1881	M	0.27	
		mh	0.36			1882	H	0.38	
		M	0.33				L	0.28½	
		ml	0.26		Russia, . . . lb.	1878	M	0.18	
		L	0.20		Saxony, . . . lb.	1878	M	0.16	
	1886	M	0.25		Scotland, . . . lb.	1878	H	0.40	
	1887	H	0.36				M	0.32	
		M	0.24				ml	0.28	
		L	0.20				L	0.22	
	1888	M	0.21			1879	H	0.32	
	1889	H	0.30				L	0.30	
		M	0.28			1883	M	0.30	
		L	0.16			1884	H	0.32	
Guiana, . . . lb.	1889	H	0.48				L	0.30	
		M	0.40		Sicily, . . . lb.	1878	H	0.25	
		ml	0.32				L	0.23	
		L	0.28			1889	M	0.24	
Hawaiian Islands, . lb.	1881	M	0.40		Spain, . . . lb.	1878	H	0.45	
Hesse, . . . lb.	1887	M	0.45				M	0.40	
	1888	M	0.46				ml	0.30	
Holland, . . . lb.	1882	H	0.23½				L	0.25	
		L	0.18			1879	M	0.45	
	1884	H	0.33			1882	M	0.26	
		L	0.22			1884	M	0.45	
	1885	H	0.33			1889	M	0.50	
		L	0.22			1878	M	0.25	
Ireland, . . . lb.	1878	H	0.38		Sweden, . . . lb.	1881	M	0.23	
		mh	0.34			1878	M	0.36	
		M	0.30		Switzerland, . . lb.	1878	M	0.36	
		ml	0.25			1879	M	0.36	
		L	0.20			1882	M	0.20	
	1879	M	0.26½			1884	H	0.36	
	1884	H	0.38				L	0.30	
		M	0.26½			1885	M	0.30	
		L	0.18		United States of Colombia, . . lb.	1883	H	0.80	
Italy, . . . lb.	1878	H	0.66				L	0.60	
		mh	0.60		Venezuela, . . lb.	1881	H	0.80	
		M	0.40				M	0.60	
		ml	0.31				ml	0.50	
		L	0.24				L	0.40	
	1879	M	0.28		Wales, . . . lb.	1878	M	0.24	
	1882	M	0.40		West Indies, . . lb.	1881	H	1.50	
	1884	H	0.70				mh	1.00	
		L	0.28				M	0.60	
	1885	H	0.40				ml	0.50	
		M	0.20				L	0.20	
		L	0.16			1889	M	0.36	
	1889	H	0.40		Wurtemberg, . . lb.	1882	H	0.28½	
		mh	0.34				mh	0.24	
		M	0.28				M	0.21	
		ml	0.24				ml	0.19	
		L	0.19				L	0.14½	
Japan, . . . lb.	1881	M	0.50		<b>Cheese.</b>				
Mexico, . . . lb.	1881	H	0.75		<i>United States.</i>				
		L	0.50		California, . . lb.	1884	H	0.25	
	1882	H	1.00				L	0.15	
		L	0.50			1886	H	0.22	
	1883	M	0.75				L	0.16	
New Zealand, . . lb.	1889	H	0.20			1883	M	0.14	
		L	0.14						

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
DAIRY PRODUCTS — Con.					DAIRY PRODUCTS — Con.				
Cheese — Con.					Cheese — Con.				
United States—Con.					United States—Con.				
Colorado, . . .	lb.	1888	H	\$0.27 $\frac{1}{2}$	Connecticut, . . .	lb.	1880	L	\$0.15
			mh	0.23 $\frac{1}{4}$			1887	M	0.18
			M	0.20			1888	M	0.14
			ml	0.16 $\frac{1}{2}$			1866	M	0.30
			L	0.12 $\frac{1}{2}$	Florida, . . .	lb.	1867	M	0.23
Connecticut, . . .	lb.	1851	M	0.10			1868	M	0.20
		1852	M	0.10			1869	M	0.20
		1853	H	0.10			1871	M	0.25
			L	0.08 $\frac{1}{2}$			1872	M	0.40
		1854	H	0.13			1873	M	0.40
			L	0.11			1875	M	0.25
		1855	M	0.12 $\frac{1}{2}$			1876	M	0.25
		1856	M	0.14			1877	M	0.25
		1857	M	0.09			1878	M	0.20
		1858	M	0.10			1879	M	0.20
		1859	M	0.12			1880	M	0.20
		1860	H	0.18	Illinois, . . .	lb.	1851	M	0.10
			M	0.13			1852	H	0.12 $\frac{1}{2}$
			L	0.11				L	0.10
		1861	M	0.11			1853	M	0.12
		1862	H	0.14			1856	M	0.12
			L	0.08			1857	M	0.10
		1863	H	0.18			1858	H	0.12
			M	0.12				L	0.08
			L	0.10			1859	M	0.06
		1864	H	0.50			1860	M	0.12
			M	0.25			1861	H	0.15
			L	0.15				L	0.10
		1865	H	0.23			1862	H	0.40
			M	0.20				L	0.12 $\frac{1}{2}$
			L	0.16			1863	H	0.40
		1866	H	0.28				L	0.15
			M	0.23			1864	H	0.40
			L	0.16				L	0.15
		1867	H	0.25			1865	M	0.15
			M	0.20			1866	M	0.12 $\frac{1}{2}$
			L	0.15			1867	H	0.25
		1868	H	0.20				L	0.12
			L	0.18			1868	M	0.12
		1869	H	0.28			1869	H	0.25
			M	0.25				M	0.20
			ml	0.22				L	0.12
			L	0.20			1870	H	0.25
		1870	H	0.23				M	0.18
			L	0.20				L	0.12
		1871	H	0.20			1871	H	0.20
			L	0.18				M	0.18
		1872	H	0.22				L	0.12
			M	0.20			1872	H	0.25
			L	0.18				M	0.20
		1873	H	0.22				L	0.12
			L	0.20			1873	H	0.20
		1874	H	0.20				L	0.12
			L	0.18			1874	H	0.20
		1875	H	0.22				M	0.17 $\frac{1}{2}$
			M	0.18				L	0.12
			L	0.16			1875	H	0.25
		1876	H	0.18				M	0.20
			L	0.16				L	0.12
		1877	H	0.20			1876	H	0.20
			M	0.18				M	0.17 $\frac{1}{2}$
			L	0.15				L	0.12
		1878	H	0.18			1877	H	0.20
			M	0.16				L	0.12
			L	0.13			1878	H	0.16
		1879	H	0.18				M	0.12
			M	0.14				L	0.05
			L	0.12			1879	H	0.16
		1880	H	0.18				M	0.12

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>DAIRY PRODUCTS</b> — Con.					<b>DAIRY PRODUCTS</b> — Con.				
<b>Cheese — Con.</b>					<b>Cheese — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Illinois, . . . .	lb.	1879	L	\$0.05	Iowa, . . . .	lb.	1874	M	\$0.12
		1880	H	0.15			1875	M	0.12 $\frac{1}{2}$
			L	0.12			1876	M	0.12 $\frac{1}{2}$
		1884	H	0.20			1877	M	0.15
			mh	0.17			1878	M	0.15
			M	0.12 $\frac{1}{2}$			1879	M	0.15
			L	0.05			1880	M	0.15
		1885	H	0.16			1885	H	0.15
			mh	0.14				L	0.12
			M	0.12 $\frac{1}{2}$			1887	H	0.20
			L	0.10				mh	0.17
		1888	M	0.20				M	0.14
Indiana, . . . .	lb.	1881	M	0.15				ml	0.11
		1882	M	0.15				L	0.08
		1883	M	0.15			1888	M	0.16
		1884	M	0.15	Kansas, . . . .	lb.	1871	M	0.16
		1885	M	0.15			1872	M	0.16
		1886	M	0.14			1873	M	0.15
		1887	M	0.14			1874	M	0.16
		1888	M	0.15			1875	M	0.15
		1889	M	0.15			1876	M	0.15
		1890	M	0.18			1877	M	0.16 $\frac{1}{2}$
		1861	M	0.12			1878	M	0.14
		1862	M	0.15			1879	M	0.13
		1863	M	0.15			1880	M	0.12 $\frac{1}{2}$
		1864	M	0.20			1885	H	0.20
		1865	H	0.27				M	0.15
			L	0.25				L	0.12 $\frac{1}{2}$
		1866	H	0.20			1888	M	0.15
			L	0.15			1872	M	0.12
		1867	H	0.28	Kentucky, . . . .	lb.	1873	M	0.13 $\frac{1}{2}$
			L	0.15			1874	M	0.14 $\frac{1}{2}$
		1868	H	0.20			1875	M	0.12 $\frac{1}{2}$
			L	0.15			1876	M	0.10 $\frac{1}{2}$
		1869	H	0.18			1877	M	0.11 $\frac{1}{2}$
			L	0.15			1880	M	0.09
		1870	M	0.15	Maine, . . . .	lb.	1868	M	0.12 $\frac{1}{2}$
		1871	M	0.15			1865	M	0.25
		1872	H	0.20			1867	M	0.24
			L	0.15			1868	M	0.25
		1873	H	0.18			1872	M	0.20
			L	0.14			1877	M	0.16
		1874	H	0.18			1878	H	0.12
			L	0.14				L	0.10
		1875	H	0.16			1882	M	0.16
			L	0.13			1887	M	0.16
		1876	H	0.15			1888	H	0.17
			L	0.13				L	0.14
		1877	H	0.18	Maryland, . . . .	lb.	1882	M	0.18
			L	0.15			1885	H	0.16
		1878	H	0.15				L	0.12
			L	0.13	Massachusetts, . .	lb.	1830	H	0.11
		1879	M	0.15				L	0.07
		1880	H	0.18			1831	H	0.09
			L	0.15				L	0.06
		1888	M	0.16 $\frac{1}{2}$			1832	H	0.08
Iowa, . . . .	lb.	1861	M	0.10				L	0.04
		1862	M	0.12			1833	M	0.10
		1863	M	0.12			1834	M	0.09
		1864	M	0.15			1835	M	0.10
		1865	M	0.20			1836	M	0.12
		1866	M	0.28			1837	H	0.12
		1867	M	0.28				L	0.09
		1868	M	0.18			1838	H	0.12
		1869	M	0.18				M	0.09
		1870	M	0.18				L	0.06
		1871	M	0.20			1839	M	0.12
		1872	M	0.20			1840	M	0.09
		1873	M	0.15			1841	M	0.09



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
DAIRY PRODUCTS — Con.					DAIRY PRODUCTS — Con.				
Cheese — Con.					Cheese — Con.				
United States—Con.					United States—Con.				
Massachusetts, . lb.	lb.	1842	H	\$0.12	Massachusetts, . lb.	lb.	1873	L	\$0.16
			L	0.09			1874	H	0.22
		1843	M	0.08				M	0.18 $\frac{1}{2}$
		1844	M	0.07				L	0.16
		1845	M	0.09			1875	H	0.20
		1846	M	0.10				M	0.18 $\frac{1}{2}$
		1847	M	0.09				L	0.16
		1848	M	0.10			1876	H	0.17
		1849	M	0.10				L	0.13
		1850	M	0.09			1877	H	0.18
		1851	M	0.09				L	0.14 $\frac{1}{2}$
		1852	M	0.10			1878	H	0.15
		1853	H	0.10 $\frac{1}{2}$				L	0.12 $\frac{1}{2}$
			L	0.08 $\frac{1}{2}$			1879	M	0.11 $\frac{1}{2}$
		1854	H	0.13			1880	H	0.20
			M	0.11				mh	0.17
			L	0.08				M	0.15
		1855	H	0.15				ml	0.12
			M	0.12				L	0.10
			L	0.10			1885	H	0.18
		1856	H	0.14				mh	0.16
			M	0.12				M	0.14
			L	0.10				ml	0.12
		1857	H	0.15				L	0.10
			L	0.11			1891	H	0.40
		1858	H	0.14				mh	0.35
			mh	0.12				M	0.25
			M	0.10				ml	0.15
			L	0.06				L	0.06
		1859	H	0.15	Michigan, . . lb.	lb.	1825	H	0.10
			L	0.11				L	0.05
		1860	H	0.14			1826	H	0.12
			L	0.10				L	0.06
		1861	H	0.14			1827	H	0.10
			M	0.11 $\frac{1}{2}$				L	0.06
			L	0.09			1828	H	0.07
		1862	H	0.12 $\frac{1}{2}$				L	0.04
			M	0.10 $\frac{1}{2}$			1829	H	0.08
			L	0.08				L	0.04
		1863	H	0.17			1830	H	0.08
			M	0.15 $\frac{1}{2}$				L	0.05
			L	0.11 $\frac{1}{2}$			1831	H	0.08
		1864	H	0.25				L	0.05
			M	0.19 $\frac{1}{2}$			1832	H	0.07
			L	0.15				L	0.05
		1865	H	0.25			1833	H	0.09
			L	0.15 $\frac{1}{2}$				L	0.06
		1866	H	0.26			1834	H	0.09
			M	0.23 $\frac{1}{2}$				L	0.05
			L	0.14			1835	H	0.09
		1867	H	0.25				L	0.06
			M	0.20			1836	H	0.12
			L	0.13 $\frac{1}{2}$				L	0.07
		1868	H	0.22			1837	H	0.12
			M	0.20				L	0.07
			L	0.16			1838	H	0.10
		1869	H	0.28				L	0.06
			M	0.23 $\frac{1}{2}$			1839	H	0.12
			L	0.15 $\frac{3}{4}$				L	0.08
		1870	H	0.24			1840	H	0.09
			M	0.19 $\frac{1}{2}$				L	0.05
			L	0.15			1841	H	0.07
		1871	H	0.20				L	0.03
			M	0.15 $\frac{3}{4}$			1842	H	0.09
			L	0.13 $\frac{3}{4}$				L	0.05
		1872	H	0.24			1843	H	0.06
			M	0.20				L	0.04
			L	0.16 $\frac{1}{2}$			1844	H	0.07
		1873	H	0.20				L	0.03

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
DAIRY PRODUCTS — Con.					DAIRY PRODUCTS — Con.				
Cheese — Con.					Cheese — Con.				
United States—Con.					United States—Con.				
Michigan, . . .	lb.	1845	H	\$0.08	Michigan, . . .	lb.	1879	L	\$0.05
			L	0.06			1880	H	0.14 $\frac{1}{2}$
		1846	H	0.08				L	0.06
			L	0.06			1881	H	0.14
		1847	H	0.08				L	0.06
			L	0.06			1882	H	0.13
		1848	H	0.08				L	0.09
			L	0.05			1885	H	0.24
		1849	H	0.07				mh	0.22 $\frac{1}{2}$
			L	0.05				M	0.18
		1850	H	0.08				ml	0.15
			L	0.04				L	0.12 $\frac{1}{2}$
		1851	H	0.08			1886	H	0.18
			L	0.04				mh	0.15
		1852	H	0.09				M	0.13
			L	0.06				L	0.08
		1853	H	0.10			1888	M	0.14
			L	0.08	Minnesota, . . .	lb.	1888	M	0.13 $\frac{1}{2}$
		1854	H	0.12			1890	H	0.45
			L	0.06				M	0.30
		1855	H	0.12				ml	0.20
			L	0.06				L	0.10
		1856	H	0.11	Missouri, . . .	lb.	1851	H	0.12 $\frac{1}{2}$
			L	0.06				L	0.10
		1857	H	0.14			1852	H	0.12 $\frac{1}{2}$
			L	0.05				L	0.10
		1858	H	0.10			1853	H	0.12 $\frac{1}{2}$
			L	0.03				L	0.10
		1859	H	0.11			1854	M	0.12 $\frac{1}{2}$
			L	0.02			1855	H	0.15
		1860	H	0.12				L	0.12 $\frac{1}{2}$
			L	0.09			1856	M	0.15
		1861	H	0.10			1857	M	0.16 $\frac{1}{2}$
			L	0.02			1858	H	0.16 $\frac{1}{2}$
		1862	H	0.13				M	0.14
			L	0.04				L	0.12 $\frac{1}{2}$
		1863	H	0.16			1859	H	0.16 $\frac{1}{2}$
			L	0.08				L	0.14
		1864	H	0.27			1860	M	0.15
			L	0.12			1861	M	0.15
		1865	H	0.16			1862	H	0.15
			L	0.10				L	0.10
		1866	H	0.23			1863	M	0.15
			L	0.05			1864	M	0.20
		1867	H	0.20			1865	H	0.30
			L	0.07				L	0.25
		1868	H	0.19			1866	M	0.20
			L	0.07			1867	H	0.30
		1869	H	0.23				M	0.25
			L	0.11				L	0.20
		1870	H	0.18			1868	H	0.25
			L	0.05				L	0.20
		1871	H	0.16			1869	H	0.22 $\frac{1}{2}$
			L	0.05				L	0.20
		1872	H	0.19			1870	H	0.25
			L	0.10				L	0.20
		1873	H	0.16			1871	H	0.20
			L	0.08				L	0.18
		1874	H	0.17			1872	H	0.20
			L	0.12				L	0.15
		1875	H	0.18			1873	H	0.18
			L	0.09				L	0.15
		1876	H	0.13			1874	H	0.20
			L	0.08				L	0.15
		1877	H	0.16			1875	H	0.22 $\frac{1}{2}$
			L	0.08				L	0.15
		1878	H	0.14			1876	M	0.15
			L	0.03			1877	H	0.15
		1879	H	0.13				L	0.12 $\frac{1}{2}$

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
DAIRY PRODUCTS — Con.					DAIRY PRODUCTS — Con.				
Cheese — Con.					Cheese — Con.				
United States—Con.					United States—Con.				
Missouri, . . . lb.	1878	H	\$0.15		New York, . . . lb.	1856	L	\$0.09	
		L	0.12 $\frac{1}{2}$			1857	H	0.14	
	1879	H	0.20				M	0.12	
		M	0.12 $\frac{1}{2}$				L	0.10	
		L	0.10			1858	H	0.12	
	1880	H	0.25				L	0.09	
		M	0.15			1859	H	0.16	
		L	0.12				M	0.12	
	1889	H	0.20				L	0.09	
		M	0.17 $\frac{1}{2}$			1860	H	0.16	
		L	0.15				M	0.12	
Nebraska, . . . lb.	1888	M	0.15				L	0.10	
New Jersey, . . . lb.	1851	M	0.12			1861	M	0.10	
	1852	M	0.14			1862	M	0.10	
	1853	M	0.12			1863	H	0.12	
	1854	M	0.14				L	0.09	
	1855	M	0.14			1864	H	0.26	
	1856	M	0.15				M	0.18	
	1857	M	0.20				ml	0.15	
	1858	M	0.14				L	0.12	
	1859	M	0.16			1865	H	0.22	
	1860	M	0.16				M	0.18	
	1861	M	0.15				L	0.15	
	1862	M	0.15			1866	H	0.20	
	1863	M	0.15				M	0.17	
	1864	M	0.22				L	0.15	
	1865	M	0.25			1867	H	0.21	
	1866	M	0.25				M	0.18	
	1867	H	0.26				L	0.15	
		L	0.20			1868	H	0.20	
	1868	M	0.24				M	0.16	
	1869	H	0.26				L	0.14	
		L	0.20			1869	H	0.26	
	1870	M	0.18				mh	0.24	
	1871	M	0.18				M	0.20	
	1872	M	0.18				L	0.16	
	1873	M	0.18			1870	H	0.18	
	1874	M	0.19				L	0.15 $\frac{1}{2}$	
	1875	M	0.16			1871	H	0.20	
	1876	M	0.18				M	0.16	
	1877	M	0.18				L	0.13	
	1878	H	0.16			1872	H	0.20	
		L	0.12				M	0.16	
	1879	H	0.18				ml	0.14	
		L	0.16				L	0.12	
	1880	M	0.18			1873	H	0.20	
	1882	H	0.22				M	0.16	
		M	0.18				L	0.13	
		ml	0.16			1874	H	0.20	
		L	0.14				mh	0.18 $\frac{1}{2}$	
	1884	H	0.18				M	0.16	
		L	0.16				L	0.13	
	1885	H	0.18			1875	H	0.20	
		L	0.16				M	0.16	
	1886	H	0.20				L	0.14	
		mh	0.16			1876	H	0.18	
		M	0.12 $\frac{1}{2}$				M	0.15	
		ml	0.08				ml	0.13	
		L	0.05				L	0.11	
New York, . . . lb.	1851	H	0.09			1877	H	0.18	
		L	0.06				M	0.15	
	1852	M	0.09				L	0.12	
	1853	M	0.10			1878	H	0.16	
	1854	H	0.12				mh	0.15	
		M	0.10				M	0.14	
		L	0.08				L	0.11	
	1855	H	0.15			1879	H	0.20	
		L	0.09				M	0.14	
	1856	H	0.12				ml	0.12	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.					ARTICLES, STATES, AND COUN- TRIES.				
Basis	Year	Grade	Prices		Basis	Year	Grade	Prices	
DAIRY PRODUCTS — Con.					DAIRY PRODUCTS — Con.				
Cheese—Con.					Cheese—Con.				
United States—Con.					United States—Con.				
New York, . . .	lb.	1879	L	\$0.08	Ohio, . . .	lb.	1868	L	\$0.17
		1880	H	0.20			1869	H	0.25
			mh	0.18				mh	0.22
			M	0.14				M	0.20
			ml	0.11				ml	0.18
			L	0.09				L	0.15
		1881	M	0.11			1870	H	0.20
		1882	H	0.18				mh	0.18
			mh	0.16				M	0.15
			M	0.14				L	0.12½
			L	0.11			1871	H	0.20
		1883	M	0.11				mh	0.18
		1884	H	0.20				M	0.14
			M	0.15				L	0.08
			ml	0.12			1872	H	0.20
			L	0.10				mh	0.18
		1885	H	0.20				M	0.14
			L	0.09				L	0.08
Ohio, . . .	lb.	1851	H	0.10			1873	H	0.20
			L	0.06				mh	0.18
		1852	H	0.11				M	0.16
			L	0.06				ml	0.12
		1853	H	0.10			1874	L	0.10
			L	0.06				H	0.20
		1854	H	0.12				mh	0.18
			L	0.07				M	0.16
		1855	H	0.12				ml	0.14
			M	0.10			1875	L	0.12
			L	0.08				H	0.20
		1856	H	0.10				mh	0.18
			L	0.08				M	0.16
		1857	H	0.13				ml	0.14
			L	0.08				L	0.11
		1858	H	0.12½			1876	H	0.16½
			M	0.10				M	0.13
			L	0.08				L	0.10
		1859	H	0.14			1877	H	0.20
			M	0.12				M	0.15
			L	0.08				ml	0.12
		1860	H	0.12½				L	0.10
			M	0.10			1878	H	0.15
			L	0.08				M	0.12½
		1861	H	0.12				L	0.10
			M	0.09			1879	H	0.15
			L	0.06				M	0.12½
		1862	H	0.15				L	0.10
			M	0.10			1880	H	0.20
			L	0.08				mh	0.18
		1863	H	0.15				M	0.14
			M	0.10				ml	0.10
			L	0.08				L	0.08
		1864	H	0.25			1885	H	0.15
			mh	0.20				L	0.12½
			M	0.15			1887	H	0.18
			L	0.10				M	0.15
		1865	H	0.25				L	0.12
			mh	0.23			1888	M	0.18
			M	0.20			1851	H	0.10
			L	0.12				L	0.08
		1866	H	0.28			1852	H	0.10
			mh	0.25				L	0.08
			M	0.20			1853	H	0.12
			L	0.13				L	0.08
		1867	H	0.25			1854	H	0.14
			M	0.20				L	0.08
			L	0.15			1855	H	0.16
		1868	H	0.25				L	0.08
			mh	0.22			1856	H	0.14
			M	0.20				L	0.08
					Pennsylvania, . . . lb.				



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
DAIRY PRODUCTS — Con.					DAIRY PRODUCTS — Con.				
Cheese — Con.					Cheese — Con.				
United States—Con.					United States—Con.				
Pennsylvania, . . . lb.		1857	H	\$0.14	Pennsylvania, . . . lb.		1884	mh	\$0.17
			L	0.08				M	0.15
		1858	H	0.13				ml	0.13
			L	0.08				L	0.10
		1859	H	0.14			1885	H	0.20
			L	0.08				mh	0.17
		1860	H	0.14				M	0.15
			L	0.08				ml	0.12½
		1861	H	0.14				L	0.10
			L	0.06			1886	M	0.15
		1862	H	0.15			1888	M	0.25
			M	0.12	Rhode Island, . . . lb.		1888	M	0.15
			L	0.08	Tennessee, . . . lb.		1851	M	0.12½
		1863	H	0.18			1855	M	0.15
			M	0.16			1856	M	0.20
			L	0.10			1857	M	0.16
		1864	H	0.23			1863	M	0.30
			L	0.20			1864	M	0.40
		1865	H	0.25			1865	M	0.40
			M	0.22			1866	M	0.30
			L	0.20			1867	M	0.25
		1866	H	0.28			1868	M	0.20
			M	0.25			1869	M	0.25
			L	0.18			1870	M	0.20
		1867	H	0.24			1871	M	0.20
			M	0.22			1872	H	0.20
			L	0.18				L	0.18½
		1868	H	0.24			1873	H	0.20
			M	0.22				L	0.14
			L	0.16			1874	H	0.20
		1869	H	0.28				L	0.15½
			M	0.22			1875	H	0.20
			L	0.16				L	0.13½
		1870	H	0.22			1876	H	0.18
			L	0.16				L	0.13½
		1871	H	0.22			1877	H	0.18
			L	0.15				L	0.13
		1872	H	0.20			1878	H	0.18
			L	0.15				L	0.13½
		1873	H	0.22			1879	H	0.20
			M	0.19				L	0.18
			L	0.15			1880	H	0.17
		1874	H	0.20				M	0.15
			M	0.18				L	0.13
			L	0.15	West Virginia, . . . lb.		1851	M	0.11
		1875	H	0.20			1852	M	0.11
			M	0.18			1853	M	0.11
			L	0.15			1854	M	0.11
		1876	H	0.20			1855	M	0.11
			M	0.16			1856	M	0.11
			L	0.12½			1857	M	0.11
		1877	H	0.18			1858	M	0.11
			M	0.16			1859	M	0.11
			L	0.12½			1860	M	0.11
		1878	H	0.20			1861	M	0.15
			M	0.16			1862	M	0.15
			L	0.12½			1863	M	0.15
		1879	H	0.20			1864	M	0.15
			mh	0.18			1865	M	0.15
			M	0.16			1866	M	0.16
			L	0.12			1867	M	0.16
		1880	H	0.18			1868	M	0.16
			mh	0.15			1869	M	0.16
			M	0.12			1870	M	0.16
			L	0.06			1871	M	0.11
		1882	H	0.25			1872	M	0.11
			M	0.22			1873	M	0.12
			L	0.15			1874	M	0.12
		1884	H	0.20			1875	M	0.12

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>DAIRY PRODUCTS</b> — Con.					<b>DAIRY PRODUCTS</b> — Con.				
<b>Cheese — Con.</b>					<b>Cheese — Con.</b>				
<i>United States—Con.</i>					<i>Foreign Countries</i> — Con.				
West Virginia, . lb.		1876	M	\$0.11	Australia, . . lb.		1888	M	\$0.17
		1877	M	0.11			1889	H	0.16
		1878	M	0.12				M	0.13½
		1879	M	0.12				L	0.11
		1880	M	0.14	Austria, . . . lb.		1878	H	0.25
Wisconsin, . . lb.		1880	M	0.12				M	0.19
		1881	M	0.12				ml	0.16
		1882	M	0.13				L	0.12
		1883	M	0.12	Belgium, . . . lb.		1878	H	0.25
		1884	M	0.12				L	0.19
		1888	M	0.13			1879	H	0.25
<i>Foreign Countries.</i>								L	0.20
Australia, . . . lb.		1836	M	0.24			1882	H	0.25
		1837	M	0.24				L	0.20
		1842	M	0.27			1884	H	0.25
		1843	M	0.18				L	0.20
		1844	H	0.09	Brazil, . . . . lb.		1882	H	0.50
			L	0.02½				L	0.25
		1845	M	0.12	Canada, . . . . lb.		1882	H	0.25
		1846	M	0.12				M	0.18
		1847	M	0.14				ml	0.14
		1848	M	0.16				L	0.11
		1849	M	0.12½			1887	M	0.15
		1850	M	0.14	China, . . . . lb.		1889	M	0.40
		1851	M	0.14	Denmark, . . . lb.		1878	M	0.25
		1852	M	0.14	Ecuador, . . . lb.		1883	M	0.08
		1853	M	0.14½			1885	H	0.15
		1854	M	0.18				L	0.10
		1855	M	0.30	England, . . . . lb.		1873	M	0.18
		1856	M	0.28			1878	H	0.50
		1857	M	0.24				M	0.28
		1858	M	0.24				ml	0.20
		1859	M	0.24				L	0.10
		1860	M	0.20			1879	H	0.21
		1861	M	0.18				L	0.15
		1862	M	0.18			1880	H	0.18
		1863	M	0.20				L	0.12
		1864	M	0.16			1882	H	0.24
		1865	M	0.18				mh	0.20
		1866	M	0.24				M	0.18
		1867	M	0.15				ml	0.16
		1868	M	0.18				L	0.12
		1869	M	0.12			1883	H	0.24
		1870	M	0.12				mh	0.20
		1871	M	0.15				M	0.16
		1872	M	0.18				ml	0.12
		1873	M	0.10				L	0.08
		1874	M	0.12			1884	H	0.22
		1875	M	0.18				M	0.15
		1876	M	0.14				L	0.12
		1877	M	0.12			1885	H	0.22
		1878	H	0.20				L	0.12
			M	0.16	France, . . . . lb.		1878	M	0.25
			L	0.12			1884	H	0.24
		1879	M	0.12				L	0.14
		1880	M	0.14			1885	H	0.24
		1881	H	0.32				L	0.14
			M	0.24			1889	H	0.37
			L	0.10				L	0.22
		1882	M	0.16			1891	H	0.25
		1883	M	0.24				L	0.17½
		1884	M	0.18	Germany, . . . lb.		1878	H	0.33½
		1885	H	0.30				mh	0.25
			M	0.24				M	0.19
			L	0.16				ml	0.10
		1886	M	0.26				L	0.02
		1887	M	0.21			1879	M	0.24
							1882	H	0.28½

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>DAIRY PRODUCTS</b> — Con.					<b>DAIRY PRODUCTS</b> — Con.				
<b>Cheese — Con.</b>					<b>Cheese — Con.</b>				
<i>Foreign Countries</i> — Con.					<i>Foreign Countries</i> — Con.				
Germany, . . . lb.	1882	L	\$0.19		Sicily, . . . lb.	1889	H	\$0.25	
	1883	M	0.06				L	0.12½	
	1884	M	0.24		Spain, . . . lb.	1878	H	0.30	
	1885	H	0.26				mh	0.28	
		mh	0.20				M	0.25	
		M	0.17				L	0.15	
		L	0.11			1879	M	0.28	
	1886	H	0.28			1884	M	0.23	
		L	0.12		Sweden, . . . lb.	1878	H	0.24	
	1887	H	0.28				L	0.18	
		L	0.24			1881	M	0.14	
Guiana, . . . lb.	1889	H	0.32		Switzerland, . . lb.	1878	M	0.23	
		L	0.24			1879	M	0.23	
Hawaiian Islands, . lb.	1881	M	0.30			1882	M	0.20	
Holland, . . . lb.	1882	H	0.18			1884	M	0.23	
		L	0.07		Venezuela, . . . lb.	1881	H	0.32	
	1884	H	0.23				M	0.20	
		L	0.13				L	0.16	
	1885	H	0.23		Wales, . . . lb.	1878	M	0.20	
		L	0.13		West Indies, . . lb.	1881	H	1.25	
Ireland, . . . lb.	1878	H	0.25				M	1.00	
		M	0.22				L	0.12	
		L	0.17			1889	M	0.32	
Italy, . . . lb.	1878	H	0.36						
		mh	0.30		<b>Milk.</b>				
		M	0.26		<i>United States.</i>				
		ml	0.20		California, . . . qt.	1884	M	0.10	
		L	0.15			1888	M	0.10	
	1879	M	0.26		Colorado, . . . qt.	1888	H	0.12	
	1882	H	0.40				mh	0.10	
		L	0.20				M	0.08½	
	1884	H	0.27				L	0.05	
		L	0.24		Connecticut, . . qt.	1853	M	0.04	
	1885	H	0.18			1860	M	0.04	
		M	0.13			1867	M	0.06	
		L	0.08			1868	M	0.06	
	1889	H	0.35			1869	M	0.06	
		M	0.27			1872	M	0.06	
		L	0.15			1873	M	0.06	
Japan, . . . lb.	1881	M	0.25			1874	H	0.10	
Mexico, . . . lb.	1881	H	0.25				mh	0.08	
		L	0.20				M	0.07	
	1882	H	0.75				ml	0.05	
		M	0.50				L	0.04	
		L	0.25			1875	H	0.10	
	1883	H	0.50				mh	0.08	
		L	0.37½				M	0.07	
New Zealand, . . lb.	1889	H	0.30				ml	0.05	
		L	0.12				L	0.04	
Portugal, . . . lb.	1878	M	0.41			1876	M	0.05	
Prussia, . . . lb.	1878	H	0.30			1878	M	0.05	
		M	0.27			1879	M	0.05	
		ml	0.22			1880	M	0.05	
		L	0.20			1888	M	0.06	
	1882	M	0.18		Illinois, . . . qt.	1856	M	0.05	
	1884	M	0.20			1857	M	0.05	
	1885	M	0.20			1858	M	0.05	
Russia, . . . lb.	1878	M	0.23			1859	M	0.05	
Saxony, . . . lb.	1878	M	0.33½			1860	M	0.05	
Scotland, . . . lb.	1878	H	0.40			1861	M	0.05	
		M	0.25			1862	M	0.05	
		ml	0.20			1863	M	0.05	
		L	0.14			1864	M	0.05	
	1879	H	0.20			1865	M	0.05	
		L	0.14			1866	M	0.05	
	1883	M	0.14			1867	M	0.05	
	1884	M	0.20			1868	M	0.05	
Sicily, . . . lb.	1878	M	0.19						

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
DAIRY PRODUCTS — Con.					DAIRY PRODUCTS — Con.				
Milk — Con.					Milk — Con.				
United States—Con.					United States—Con.				
Illinois, . . . . .	qt.	1869	M	\$0.05	Iowa, . . . . .	qt.	1874	M	\$0.05
		1870	M	0.05			1875	M	0.05
		1871	M	0.05			1876	M	0.05
		1872	M	0.05			1877	M	0.06
		1873	M	0.05			1878	M	0.06
		1874	H	0.06½			1879	M	0.06
			L	0.05			1880	M	0.06
		1875	H	0.06½			1887	H	0.09
			L	0.05				M	0.06
		1876	H	0.06½				ml	0.05
			L	0.05			1888	M	0.04
		1877	M	0.05					0.05½
		1878	H	0.06	Kansas, . . . . .	qt.	1871	M	0.08
			M	0.05			1872	M	0.07
			L	0.03			1873	M	0.07
		1879	H	0.06			1874	M	0.08
			M	0.05			1875	M	0.07
			L	0.03			1876	M	0.06
		1880	M	0.05			1877	M	0.06
		1884	H	0.10			1878	M	0.06½
			mh	0.08			1879	M	0.06
			M	0.06½			1880	M	0.06½
			ml	0.05			1888	M	0.05
			L	0.03	Maine, . . . . .	qt.	1858	M	0.04
		1888	M	0.07			1866	H	0.10
Indiana, . . . . .	qt.	1851	M	0.07				L	0.08
		1852	M	0.07			1868	M	0.08
		1853	M	0.07			1876	M	0.07
		1854	M	0.07			1878	M	0.07
		1855	M	0.07			1886	M	0.06
		1856	M	0.07			1888	M	0.06
		1857	M	0.07					0.05
		1858	M	0.07	Massachusetts, . . . . .	qt.	1830	M	0.05
		1859	M	0.07			1833	M	0.04
		1860	M	0.07			1834	M	0.05
		1861	M	0.07			1835	M	0.04
		1862	M	0.08			1836	M	0.04
		1863	M	0.10			1837	M	0.05
		1864	M	0.10			1838	M	0.05
		1865	M	0.10			1839	M	0.05
		1866	M	0.10			1840	M	0.05
		1867	M	0.09			1841	M	0.04
		1868	M	0.09			1842	H	0.05
		1869	M	0.08				L	0.04
		1870	M	0.07			1843	H	0.05
		1871	M	0.07				L	0.04
		1872	M	0.07			1844	H	0.05
		1873	M	0.07				L	0.04
		1874	M	0.07			1845	M	0.05
		1875	M	0.07			1846	H	0.05
		1876	M	0.07				M	0.04
		1877	M	0.07				L	0.02
		1878	M	0.07			1847	H	0.05
		1879	M	0.07				M	0.04
		1880	M	0.07				L	0.02
		1888	M	0.05½			1848	H	0.05
Iowa, . . . . .	qt.	1861	M	0.04				L	0.04
		1862	M	0.05			1849	H	0.05
		1863	M	0.05				L	0.03
		1864	M	0.06			1850	H	0.05
		1865	M	0.06				L	0.03
		1866	M	0.06			1851	H	0.05
		1867	M	0.07				L	0.03
		1868	M	0.07			1852	H	0.06
		1869	M	0.07				L	0.03
		1870	M	0.07			1853	H	0.05
		1871	M	0.05				L	0.03
		1872	M	0.05			1854	M	0.04
		1873	M	0.05			1855	M	0.04
							1856	M	0.05



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
DAIRY PRODUCTS — Con.					DAIRY PRODUCTS — Con.				
Milk — Con.					Milk — Con.				
United States—Con.					United States—Con.				
Massachusetts, . . .	qt.	1857	M	\$0.05	New Jersey, . . .	qt.	1867	H	\$0.10
		1858	M	0.05			1868	L	0.09
		1859	M	0.05			1869	M	0.10
		1860	M	0.05			1870	M	0.12
		1880	H	0.07			1871	M	0.10
			mh	0.06			1872	M	0.10
			L	0.05			1873	M	0.10
			L	0.03			1874	H	0.10
		1881	M	0.06			1874	L	0.09
		1885	H	0.07			1875	M	0.10
			mh	0.06			1876	M	0.10
			L	0.05			1877	M	0.10
			L	0.03			1878	M	0.10
		1888	M	0.07			1879	M	0.10
		1891	H	0.08			1880	M	0.10
			mh	0.07			1886	H	0.09
			M	0.06				M	0.08
			ml	0.05				L	0.05
			L	0.04			1881	H	0.05
Michigan, . . .	qt.	1885	H	0.10	New York, . . .	qt.	1851	L	0.03
			mh	0.08			1852	H	0.05
			M	0.07				L	0.04
			ml	0.05½			1853	H	0.05
			L	0.04½				L	0.04
		1886	H	0.08			1854	H	0.05
			L	0.07				L	0.04
		1888	M	0.05			1855	M	0.05
Minnesota, . . .	qt.	1888	M	0.05			1856	H	0.05
Missouri, . . .	qt.	1858	M	0.06				L	0.04
		1859	M	0.06			1857	H	0.05
		1860	M	0.06				L	0.04
		1861	M	0.06			1858	M	0.05
		1862	M	0.06			1859	M	0.05
		1863	M	0.06			1860	M	0.05
		1864	M	0.10			1867	M	0.08
		1865	M	0.10			1869	M	0.08
		1866	M	0.08			1874	M	0.07
		1867	M	0.08			1875	M	0.05
		1868	M	0.08			1876	M	0.05
		1869	M	0.08			1877	M	0.05
		1870	M	0.08			1878	H	0.10
		1871	M	0.07				M	0.08
		1872	M	0.07				L	0.05
		1873	M	0.07			1879	H	0.10
		1874	M	0.07				M	0.08
		1875	M	0.07				L	0.05
		1876	M	0.07			1880	H	0.08
		1877	M	0.06				M	0.06
		1878	H	0.06				L	0.05
			L	0.05			1884	H	0.10
		1879	M	0.06				L	0.08
		1880	M	0.06			1851	H	0.05
Nebraska, . . .	qt.	1888	M	0.05	Ohio, . . .	qt.		M	0.04
New Jersey, . . .	qt.	1851	M	0.10				H	0.03
		1852	M	0.10			1852	H	0.06
		1853	M	0.10				L	0.04
		1854	M	0.10				L	0.03
		1855	M	0.10			1853	H	0.06
		1856	M	0.10				L	0.05
		1857	M	0.10				L	0.03
		1858	M	0.08			1854	H	0.05
		1859	M	0.10				L	0.03
		1860	M	0.10			1855	H	0.06
		1861	M	0.12				M	0.05
		1862	M	0.12				L	0.03
		1863	M	0.12			1856	H	0.06
		1864	M	0.12				M	0.05
		1865	M	0.10				L	0.03
		1866	M	0.10				L	0.03

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
DAIRY PRODUCTS — Con.					DAIRY PRODUCTS — Con.				
Milk — Con.					Milk — Con				
United States—Con.					United States—Con.				
Ohio, . . . . .	qt.	1857	H	\$0.07	Ohio, . . . . .	qt.	1878	mh	\$0.07
			M	0.05				M	0.06
			L	0.03				ml	0.05
		1858	H	0.06				L	0.04
			M	0.05			1879	H	0.08
			L	0.03				mh	0.07
		1859	H	0.06				M	0.06
			M	0.05				ml	0.05
			L	0.03			1880	L	0.04
		1860	H	0.06				H	0.08
			M	0.05				mh	0.07
			L	0.03				M	0.06
		1861	H	0.06				ml	0.05
			L	0.04				L	0.04
		1862	H	0.06			1885	M	0.06
			L	0.05			1887	H	0.12 $\frac{1}{2}$
		1863	H	0.08				mh	0.10
			L	0.06				M	0.08
		1864	M	0.08				ml	0.05
		1865	H	0.08				L	0.03
			L	0.06			1888	M	0.06
		1866	H	0.10	Pennsylvania, . . . . .	qt.	1851	H	0.06
			M	0.08				L	0.05
			L	0.06			1852	H	0.06
		1867	H	0.10				L	0.05
			M	0.08			1853	H	0.06
			L	0.06				L	0.05
		1868	H	0.10			1854	H	0.06
			M	0.07				L	0.05
			L	0.06			1855	H	0.06
		1869	H	0.10				L	0.05
			M	0.07			1856	H	0.06
			L	0.06				L	0.05
		1870	H	0.10			1857	H	0.06
			M	0.07				L	0.05
			mh	0.06			1858	H	0.06
			L	0.05				L	0.05
		1871	H	0.08			1859	H	0.06
			M	0.06				L	0.05
			L	0.05			1860	H	0.06
		1872	H	0.08				L	0.05
			M	0.06			1861	M	0.06
			L	0.05			1862	M	0.06
		1873	H	0.08			1863	H	0.08
			mh	0.07				L	0.07
			M	0.06			1864	H	0.10
			ml	0.05				L	0.07
			L	0.04			1865	H	0.12
		1874	H	0.08				L	0.10
			mh	0.07			1866	M	0.10
			M	0.06			1867	H	0.10
			ml	0.05				L	0.09
			L	0.04			1868	M	0.10
		1875	H	0.08			1869	H	0.10
			mh	0.07				L	0.09
			vi	0.06			1870	M	0.08
			ml	0.05			1871	H	0.08
			L	0.04				L	0.06
		1876	H	0.08			1872	H	0.08
			mh	0.07				L	0.06
			M	0.06			1873	H	0.08
			ml	0.05				L	0.06
			L	0.04			1874	H	0.08 $\frac{1}{2}$
		1877	H	0.08				M	0.07
			mh	0.07				L	0.06
			M	0.06			1875	H	0.08
			ml	0.05				M	0.07
			L	0.04				L	0.06
		1878	H	0.08			1876	H	0.08

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
DAIRY PRODUCTS — Con.					DAIRY PRODUCTS — Con.				
Milk — Con.					Milk — Con.				
United States—Con.					United States Con.				
Pennsylvania, . . . . .	qt.	1876	M	\$0.07	West Virginia, . . . . .	qt.	1867	M	\$0.08
			L	0.06			1868	M	0.08
		1877	H	0.08			1869	M	0.08
			M	0.07			1870	M	0.07
			L	0.06			1871	M	0.05
		1878	H	0.08			1872	M	0.05
			M	0.07			1873	M	0.05
			L	0.06			1874	M	0.06
		1879	H	0.08			1875	M	0.06
			M	0.07			1876	M	0.06
			L	0.06			1877	M	0.06
		1880	H	0.08			1878	M	0.06
			M	0.07			1879	M	0.06
			L	0.06			1880	M	0.06
		1884	H	0.10	Wisconsin, . . . . .	qt.	1888	M	0.05
			mh	0.08					
			M	0.07					
			ml	0.05	Foreign Countries.				
			L	0.04	Australia, . . . . .	qt.	1878	H	0.16
		1885	H	0.10				L	0.12
			mh	0.08			1881	H	0.12
			M	0.07				L	0.08
			ml	0.05			1885	H	0.12
			L	0.04				L	0.08
		1888	M	0.08	Austria, . . . . .	qt.	1885	M	0.03
Rhode Island, . . . . .	qt.	1888	M	0.06	Canada, . . . . .	qt.	1878	M	0.05
Tennessee, . . . . .	qt.	1851	M	0.05	China, . . . . .	qt.	1889	M	0.20
		1855	M	0.10	Ecuador, . . . . .	qt.	1883	H	0.20
		1856	M	0.10				L	0.10
		1857	M	0.10	England, . . . . .	qt.	1873	H	0.08
		1863	M	0.12 $\frac{1}{2}$				L	0.06
		1864	M	0.12 $\frac{1}{2}$			1878	H	0.09
		1865	M	0.12 $\frac{1}{2}$				mh	0.08
		1866	M	0.10				M	0.07
		1867	M	0.10				L	0.04
		1868	M	0.10			1879	H	0.09
		1869	M	0.10				L	0.06
		1870	M	0.10				M	0.06
		1871	M	0.06			1881	M	0.06
		1872	M	0.06			1882	M	0.08
		1873	M	0.06			1883	M	0.08
		1874	H	0.10			1884	H	0.09
			L	0.06				L	0.06
		1875	M	0.06	France, . . . . .	qt.	1885	M	0.04
		1876	H	0.10			1889	H	0.05
			L	0.06				L	0.04
		1877	H	0.10			1891	M	0.04
			L	0.05	Germany, . . . . .	qt.	1850	M	0.03
		1878	H	0.10			1870	M	0.03
			L	0.05			1875	M	0.04
		1879	M	0.10			1878	H	0.05
		1880	H	0.10				L	0.04
			L	0.06			1880	H	0.07 $\frac{1}{2}$
West Virginia, . . . . .	qt.	1851	M	0.05				L	0.04 $\frac{1}{2}$
		1852	M	0.05			1883	H	0.08
		1853	M	0.05				L	0.04 $\frac{1}{2}$
		1854	M	0.05			1884	M	0.04
		1855	M	0.05			1885	M	0.04
		1856	M	0.05			1886	M	0.04
		1857	M	0.05			1887	H	0.05
		1858	M	0.05				L	0.04
		1859	M	0.05			1888	M	0.04
		1860	M	0.04			1889	M	0.05
		1861	M	0.08	Guiana, . . . . .	qt.	1889	M	0.12
		1862	M	0.08	Holland, . . . . .	qt.	1882	M	0.04
		1863	M	0.08	Italy, . . . . .	qt.	1878	H	0.08
		1864	M	0.10				mh	0.07
		1865	M	0.10				M	0.06
		1866	M	0.08				L	0.04
							1879	M	0.07

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>DAIRY PRODUCTS</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Milk — Con.</b>					<b>Blankets — Con.</b>				
<i>Foreign Countries</i> — Con.					<i>United States—Con.</i>				
Italy, . . . . .	qt.	1884	M	\$0.07	Pennsylvania, . . .	pair	1885	ml	\$4.50
		1885	H	0.06				L	2.00
			L	0.04	<i>Foreign Countries.</i>				
		1889	H	0.10	England, . . . . .	pair	1883	H	4.25
			M	0.08				L	1.94
			L	0.06					
Mexico, . . . . .	qt.	1882	H	0.12	<b>Calicoes and</b>				
			L	0.10	<b>Prints.</b>				
New Zealand, . . .	qt.	1889	M	0.03	<i>United States.</i>				
Prussia, . . . . .	qt.	1880	M	0.03	Connecticut, . . .	yd.	1854	M	0.12 $\frac{1}{2}$
		1882	M	0.03			1860	H	0.12 $\frac{1}{2}$
Scotland, . . . . .	qt.	1878	H	0.08				L	0.10
			M	0.06			1861	M	0.12 $\frac{1}{2}$
			ml	0.05			1862	M	0.14
			L	0.04			1863	M	0.22
		1879	H	0.05			1864	H	0.38
			L	0.04				L	0.30
		1883	M	0.08			1865	H	0.37 $\frac{1}{2}$
		1884	H	0.08				L	0.28
			L	0.05			1866	H	0.33
Sicily, . . . . .	qt.	1878	M	0.12				L	0.23
		1889	M	0.12			1867	H	0.24
Spain, . . . . .	qt.	1878	M	0.12				L	0.19
Switzerland, . . .	qt.	1878	M	0.05			1868	H	0.17
		1879	M	0.05				L	0.15
		1882	M	0.05			1869	H	0.16 $\frac{3}{4}$
		1884	M	0.05				L	0.14
United States of							1870	H	0.15
Colombia, . . . . .	qt.	1883	M	0.06 $\frac{3}{4}$				L	0.12
Venezuela, . . . .	qt.	1883	M	0.05			1871	H	0.14
West Indies, . . .	qt.	1881	M	0.12 $\frac{1}{2}$				L	0.12 $\frac{1}{2}$
		1889	M	0.06			1872	H	0.15
Wurtemberg, . . .	qt.	1882	H	0.05				L	0.12
			M	0.04			1873	H	0.15
			L	0.03				L	0.10
<b>CLOTHING, ETC.</b>							1874	H	0.14
<b>Blankets.</b>								mh	0.12
<i>United States.</i>								M	0.10
Connecticut, . . .	pair	1860	M	4.00				ml	0.08
		1887	M	2.50			1875	H	0.12 $\frac{1}{2}$
Iowa, . . . . .	pair	1885	H	8.50				mh	0.11
			M	3.75				M	0.10
			L	1.35				ml	0.08
Massachusetts, . .	pair	1831	M	3.80			1876	H	0.10
		1841	H	5.50				L	0.08
			L	3.00			1877	H	0.10
		1855	M	3.50				L	0.08
		1857	M	2.00			1878	M	0.08
		1858	M	4.25			1879	H	0.08 $\frac{1}{2}$
		1891	H	12.00				L	0.07
			M	5.00			1880	M	0.08
			ml	3.00			1887	M	0.06 $\frac{1}{2}$
			L	1.00			1881	M	0.12 $\frac{1}{2}$
Missouri, . . . . .	pair	1889	H	7.00	Illinois, . . . . .	yd.	1852	H	0.12 $\frac{1}{2}$
			mh	6.00				L	0.10
			M	4.00			1853	M	0.12 $\frac{1}{2}$
			ml	2.50			1854	M	0.12 $\frac{1}{2}$
			L	1.00			1855	H	0.12 $\frac{1}{2}$
Pennsylvania, . . .	pair	1884	H	10.00				L	0.10
			mh	8.00			1856	M	0.12 $\frac{1}{2}$
			M	6.00			1857	M	0.12 $\frac{1}{2}$
			ml	4.50			1858	M	0.12 $\frac{1}{2}$
			L	2.50			1859	M	0.12 $\frac{1}{2}$
		1885	H	12.00			1860	M	0.12 $\frac{1}{2}$
			mh	9.00			1861	H	0.25
			M	7.00					



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
CLOTHING, ETC. — Con.					CLOTHING, ETC. — Con.				
Calicoes and Prints— Con.					Calicoes and Prints— Con.				
United States—Con.					United States—Con.				
Illinois, . . . yd.		1861	L	\$0.12	Indiana, . . . yd.		1857	H	\$0.12½
		1862	H	0.50			1858	L	0.10
			M	0.35				H	0.12½
			ml	0.25			1859	L	0.10
			L	0.15				H	0.12½
		1863	H	0.50			1860	L	0.10
			M	0.35				H	0.12½
			L	0.25			1861	L	0.10
		1864	H	0.60				H	0.12½
			mh	0.50			1862	L	0.10
			M	0.45				H	0.20
			ml	0.35				M	0.15
			L	0.25				L	0.12
		1865	H	0.55			1863	H	0.30
			mh	0.45				M	0.25
			M	0.40				L	0.12½
			L	0.30			1864	H	0.60
		1866	H	0.50				mh	0.50
			mh	0.40				M	0.40
			M	0.30				L	0.12½
			ml	0.25			1865	H	0.50
			L	0.19				mh	0.45
		1867	H	0.25				M	0.35
			mh	0.22½				ml	0.25
			M	0.20				L	0.15
			L	0.15			1866	H	0.40
		1868	H	0.20				mh	0.30
			M	0.15				M	0.25
			L	0.13½				L	0.18
		1869	H	0.18			1867	H	0.37½
			M	0.15				M	0.30
			L	0.12				ml	0.20
		1870	H	0.15				L	0.15
			M	0.12			1868	H	0.28
			L	0.10				M	0.20
		1871	H	0.15				ml	0.17
			M	0.12				L	0.12½
			L	0.08			1869	H	0.20
		1872	H	0.16½				M	0.15
			M	0.12½				L	0.11
			L	0.08			1870	H	0.15
		1873	H	0.15				M	0.12½
			M	0.11				L	0.10
			L	0.07			1871	H	0.12½
		1874	H	0.12½				M	0.10
			M	0.10				L	0.08½
			L	0.07			1872	H	0.14
		1875	H	0.10				M	0.12½
			L	0.07				L	0.08½
		1876	H	0.10			1873	H	0.12½
			L	0.07				M	0.10
		1877	H	0.10				L	0.08½
			L	0.07			1874	H	0.12½
		1878	H	0.08½				L	0.08
			L	0.06½			1875	H	0.12½
		1879	H	0.08½				M	0.10
			L	0.06				L	0.08
		1880	H	0.08½			1876	H	0.11
			L	0.07				L	0.07½
Indiana, . . . yd.		1851	H	0.15			1877	H	0.10
			L	0.11				L	0.07
		1852	H	0.15			1878	H	0.08½
			L	0.11				L	0.07
		1853	M	0.12½			1879	H	0.08½
		1854	M	0.12½				L	0.07
		1855	M	0.12½			1880	H	0.08½
		1856	H	0.12½				L	0.07
			L	0.10	Iowa, . . . yd.		1867	M	0.16

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
CLOTHING, ETC. — Con.					CLOTHING, ETC. — Con.				
Calicoes and Prints — Con.					Calicoes and Prints — Con.				
United States-Con.					United States-Con.				
Iowa, . . . yd.		1868	M	\$0.16	Massachusetts, . yd.	1841	L	\$0.08	
		1869	M	0.14		1842	H	0.50	
		1870	M	0.10			mh	0.23	
		1871	M	0.12 $\frac{1}{2}$			M	0.25	
		1872	M	0.12 $\frac{1}{2}$			ml	0.14	
		1873	M	0.12 $\frac{1}{2}$			L	0.08	
		1874	M	0.10		1843	H	0.12	
		1875	M	0.10			L	0.07	
		1876	M	0.08		1844	M	0.13	
		1877	M	0.07		1845	H	0.28	
		1878	M	0.07			L	0.10	
		1879	M	0.07		1846	H	0.25	
		1880	M	0.07			M	0.11	
		1885	H	0.07			L	0.06	
			L	0.04		1847	H	0.24	
		1887	H	0.13 $\frac{1}{2}$			M	0.12	
			M	0.09			L	0.09	
			ml	0.07 $\frac{1}{2}$		1848	H	0.12	
			L	0.05 $\frac{1}{2}$			L	0.07	
Kansas, . . . yd.		1871	M	0.12 $\frac{1}{2}$		1849	H	0.25	
		1872	M	0.12 $\frac{1}{2}$			L	0.11	
		1873	M	0.12 $\frac{1}{2}$		1850	H	0.12	
		1874	M	0.10			L	0.07	
		1875	M	0.10		1851	H	0.12	
		1876	M	0.10			L	0.10	
		1877	M	0.08 $\frac{1}{2}$		1852	M	0.11	
		1878	M	0.08		1853	M	0.10 $\frac{1}{2}$	
		1879	M	0.08		1854	H	0.12	
		1880	M	0.08			L	0.06	
Maine, . . . yd.		1865	M	0.40		1855	M	0.10 $\frac{1}{2}$	
		1867	M	0.20		1856	H	0.11	
		1872	M	0.12 $\frac{1}{2}$			M	0.08 $\frac{1}{2}$	
		1877	M	0.08			L	0.06	
		1882	M	0.08		1857	M	0.10 $\frac{1}{2}$	
		1887	M	0.07		1858	H	0.12	
Maryland, . . yd.		1882	H	0.08			M	0.09 $\frac{1}{2}$	
			L	0.06			L	0.07	
Massachusetts, . yd.		1830	H	0.37		1859	H	0.25	
			mh	0.30			M	0.12	
			M	0.19			L	0.06	
			ml	0.12		1860	H	0.13	
			L	0.05			L	0.10	
		1831	H	0.31		1861	M	0.15	
			M	0.20		1862	M	0.20	
			L	0.14		1863	M	0.20	
		1832	H	0.31		1864	M	0.20	
			M	0.18		1865	M	0.32	
			L	0.12		1866	H	0.25	
		1833	H	0.26			L	0.16 $\frac{1}{2}$	
			L	0.14		1867	H	0.16 $\frac{1}{2}$	
		1834	M	0.16			L	0.11	
		1835	H	0.25		1868	H	0.15	
			M	0.21			L	0.12 $\frac{1}{2}$	
			L	0.15		1869	H	0.14	
		1836	H	0.44			L	0.11 $\frac{3}{4}$	
			M	0.26		1870	M	0.12 $\frac{1}{4}$	
			L	0.12		1871	H	0.12	
		1837	M	0.17			L	0.09 $\frac{1}{2}$	
		1838	H	0.42		1872	M	0.12	
			M	0.28		1873	M	0.11	
			L	0.14		1874	H	0.10	
		1839	H	0.44			L	0.08	
			M	0.25		1875	H	0.10	
			L	0.16			L	0.07 $\frac{3}{4}$	
		1840	H	0.33		1876	H	0.10	
			M	0.25			L	0.06	
			L	0.13		1877	H	0.09	
		1841	H	0.13			L	0.06	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CLOTHING, ETC. — Con.</b>					<b>CLOTHING, ETC. — Con.</b>				
<b>Calicoes and Prints—Con.</b>					<b>Calicoes and Prints—Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Massachusetts, . . . yd.		1878	M	\$0.09	New Jersey, . . . yd.		1855	M	\$0.11
		1879	H	0.09			1856	M	0.11
			L	0.05 $\frac{1}{2}$			1857	M	0.12
		1880	H	0.16			1858	M	0.11
			mh	0.12 $\frac{1}{2}$			1859	M	0.11
			M	0.10			1860	M	0.11
			ml	0.08			1861	M	0.11
			L	0.05			1862	M	0.12
		1885	H	0.12 $\frac{1}{2}$			1863	M	0.23
			mh	0.10			1864	M	0.45
			M	0.08			1865	M	0.35
			ml	0.06			1866	H	0.25
			L	0.04				L	0.22
		1891	H	0.12 $\frac{1}{2}$			1867	H	0.22
			mh	0.10				M	0.19
			M	0.07 $\frac{1}{2}$				L	0.16
			ml	0.05 $\frac{1}{2}$			1868	M	0.16
			L	0.03			1869	M	0.16
Michigan, . . . yd.		1885	H	0.09 $\frac{1}{2}$			1870	M	0.15
			mh	0.08			1871	M	0.13
			M	0.07			1872	H	0.14
			ml	0.05 $\frac{1}{2}$				L	0.12 $\frac{1}{2}$
			L	0.04 $\frac{1}{2}$			1873	H	0.15
Missouri, . . . yd.		1851	M	0.18				L	0.13
		1852	M	0.20			1874	H	0.12 $\frac{1}{2}$
		1856	M	0.12 $\frac{1}{2}$				L	0.10 $\frac{1}{2}$
		1857	M	0.12			1875	M	0.11
		1858	M	0.12 $\frac{1}{2}$			1876	M	0.09
		1859	M	0.12 $\frac{1}{2}$			1877	H	0.09
		1860	H	0.14				L	0.07
			L	0.12 $\frac{1}{2}$			1878	M	0.08
		1861	M	0.12 $\frac{1}{2}$			1879	M	0.08
		1862	M	0.17			1880	H	0.09
		1863	M	0.33				L	0.07
		1864	M	0.40			1882	H	0.12
		1865	H	0.35				mh	0.10
			L	0.30				M	0.08
		1866	H	0.25				ml	0.07
			L	0.12 $\frac{1}{2}$				L	0.05
		1867	H	0.15	New York, . . . yd.		1851	M	0.12 $\frac{1}{2}$
			L	0.12 $\frac{1}{2}$			1852	M	0.12 $\frac{1}{2}$
		1868	M	0.12 $\frac{1}{2}$			1853	M	0.12 $\frac{1}{2}$
		1869	M	0.15			1854	M	0.12 $\frac{1}{2}$
		1870	M	0.15			1855	M	0.12 $\frac{1}{2}$
		1871	H	0.15			1856	M	0.12 $\frac{1}{2}$
			L	0.12 $\frac{1}{2}$			1857	M	0.12 $\frac{1}{2}$
		1872	H	0.15			1858	M	0.11
			L	0.12 $\frac{1}{2}$			1859	M	0.11
		1873	M	0.12 $\frac{1}{2}$			1860	M	0.11
		1874	H	0.12 $\frac{1}{2}$			1861	M	0.10
			L	0.10			1862	M	0.12 $\frac{1}{2}$
		1875	H	0.12 $\frac{1}{2}$			1863	M	0.25
			L	0.10			1864	M	0.28
		1876	M	0.10			1865	M	0.25
		1877	M	0.08 $\frac{1}{2}$			1866	M	0.22
		1878	H	0.09			1867	M	0.16
			L	0.07 $\frac{1}{2}$			1868	M	0.16
		1879	M	0.08 $\frac{1}{2}$			1869	H	0.15
		1880	M	0.08 $\frac{1}{2}$				L	0.11
		1889	H	0.10			1870	M	0.13
			mh	0.08			1871	M	0.12 $\frac{1}{2}$
			M	0.06 $\frac{1}{2}$			1872	M	0.12 $\frac{1}{2}$
			ml	0.05			1873	M	0.12 $\frac{1}{2}$
			L	0.03			1874	M	0.11
New Jersey, . . . yd.		1851	M	0.12 $\frac{1}{2}$			1875	M	0.11
		1852	M	0.12 $\frac{1}{2}$			1876	H	0.10
		1853	M	0.12 $\frac{1}{2}$				L	0.08
		1854	M	0.12 $\frac{1}{2}$			1877	M	0.08

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CLOTHING, ETC. — Con.</b>					<b>CLOTHING, ETC. — Con.</b>				
<b>Calicoes and Prints— Con.</b>					<b>Calicoes and Prints— Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
New York, . . . yd.	1878	M	\$0.08		Ohio, . . . yd.	1873	L	\$0.10	
	1879	H	0.08			1874	H	0.12 $\frac{1}{2}$	
		L	0.06 $\frac{1}{2}$				L	0.09	
	1880	M	0.08			1875	H	0.12 $\frac{1}{2}$	
	1882	H	0.12				M	0.10	
		mh	0.10				L	0.08	
		M	0.08			1876	H	0.12 $\frac{1}{2}$	
		ml	0.06				M	0.10	
		L	0.04				L	0.07 $\frac{1}{2}$	
Ohio, . . . yd.	1851	H	0.14			1877	H	0.12 $\frac{1}{2}$	
		M	0.12 $\frac{1}{2}$				mh	0.10	
		L	0.10				M	0.09	
	1852	H	0.14				ml	0.07	
		M	0.12 $\frac{1}{2}$				L	0.06 $\frac{1}{2}$	
		L	0.10			1878	H	0.12 $\frac{1}{2}$	
	1853	H	0.12 $\frac{1}{2}$				M	0.08	
		L	0.10 $\frac{1}{2}$				L	0.05	
	1854	H	0.12 $\frac{1}{2}$			1879	H	0.12 $\frac{1}{2}$	
		L	0.10 $\frac{1}{2}$				M	0.08	
	1855	H	0.12 $\frac{1}{2}$				L	0.06 $\frac{1}{2}$	
		L	0.10 $\frac{1}{2}$			1880	H	0.12 $\frac{1}{2}$	
	1856	H	0.12 $\frac{1}{2}$				M	0.08	
		L	0.09 $\frac{1}{2}$				L	0.06 $\frac{1}{2}$	
	1857	H	0.12 $\frac{1}{2}$			1882	H	0.10	
		L	0.10 $\frac{1}{2}$				mh	0.09	
	1858	H	0.12 $\frac{1}{2}$				M	0.08	
		L	0.09 $\frac{1}{2}$				ml	0.07	
	1859	H	0.12 $\frac{1}{2}$				L	0.06	
		L	0.09 $\frac{1}{2}$			1883	H	0.09	
	1860	H	0.12 $\frac{1}{2}$				L	0.07 $\frac{1}{2}$	
		L	0.09 $\frac{1}{2}$			1887	H	0.10	
	1861	H	0.12 $\frac{1}{2}$				mh	0.09	
		L	0.10				M	0.07	
	1862	H	0.29				ml	0.06	
		M	0.17				L	0.05	
		L	0.12 $\frac{1}{2}$		Pennsylvania, . . yd.	1851	M	0.12 $\frac{1}{2}$	
	1863	H	0.50			1852	M	0.12 $\frac{1}{2}$	
		mh	0.45			1853	M	0.12 $\frac{1}{2}$	
		M	0.30			1854	M	0.12 $\frac{1}{2}$	
		ml	0.22			1855	M	0.12 $\frac{1}{2}$	
		L	0.15			1856	M	0.12 $\frac{1}{2}$	
	1864	H	0.50			1857	M	0.12 $\frac{1}{2}$	
		mh	0.45			1858	M	0.12 $\frac{1}{2}$	
		M	0.40			1859	M	0.12 $\frac{1}{2}$	
		L	0.30			1860	M	0.12 $\frac{1}{2}$	
	1865	H	0.50			1861	M	0.12 $\frac{1}{2}$	
		M	0.40			1862	H	0.18	
		L	0.30				L	0.12 $\frac{1}{2}$	
	1866	H	0.45			1863	H	0.25	
		M	0.33				L	0.20	
		L	0.25			1864	H	0.45	
	1867	H	0.40				M	0.40	
		M	0.20				L	0.37 $\frac{1}{2}$	
		L	0.18			1865	M	0.35	
	1868	H	0.40			1866	H	0.25	
		M	0.18				L	0.22	
		L	0.12 $\frac{1}{2}$			1867	H	0.20	
	1869	H	0.35				M	0.18	
		M	0.15				L	0.16	
		L	0.12 $\frac{1}{2}$			1868	H	0.18	
	1870	H	0.30				L	0.15	
		M	0.15			1869	M	0.15	
		L	0.11 $\frac{1}{2}$			1870	H	0.15	
	1871	H	0.14				L	0.12 $\frac{1}{2}$	
		L	0.11 $\frac{1}{2}$			1871	H	0.12 $\frac{1}{2}$	
	1872	H	0.13				M	0.08	
		L	0.10			1872	H	0.12 $\frac{1}{2}$	
	1873	H	0.13				L	0.08	



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CLOTHING, ETC.</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Calicoes</b> <b>and Prints</b> — Con.					<b>Calicoes</b> <b>and Prints</b> — Con.				
<i>United States</i> —Con.					<i>United States</i> —Con.				
Pennsylvania, . . . yd.		1873	H	\$0.12 $\frac{1}{2}$	West Virginia, . . . yd.		1859	L	\$0.10
			L	0.08			1860	H	0.12 $\frac{1}{2}$
		1874	H	0.11				L	0.09
			L	0.07			1861	H	0.20
		1875	H	0.10				L	0.15
			L	0.07			1862	M	0.25
		1876	H	0.09			1863	H	0.40
			M	0.08				L	0.30
			L	0.07			1864	M	0.50
		1877	H	0.09			1865	H	0.50
			M	0.08				L	0.40
			L	0.07			1866	M	0.30
		1878	M	0.08			1867	M	0.20
		1879	H	0.08			1868	M	0.15
			L	0.06			1869	M	0.15
		1880	M	0.08			1870	H	0.15
		1882	H	0.18				L	0.12
			mh	0.12			1871	H	0.12 $\frac{1}{2}$
			M	0.11				L	0.09
			ml	0.08			1872	H	0.12 $\frac{1}{2}$
			L	0.04				L	0.09
		1885	H	0.12			1873	H	0.12 $\frac{1}{2}$
			mh	0.10				L	0.09
			M	0.08			1874	H	0.10
			ml	0.06				L	0.09
			L	0.04			1875	H	0.10
Tennessee, . . . yd.		1856	M	0.12 $\frac{1}{2}$				L	0.09
		1857	M	0.12 $\frac{1}{2}$			1876	H	0.09
		1858	M	0.12 $\frac{1}{2}$				L	0.08
		1859	M	0.12 $\frac{1}{2}$			1877	H	0.09
		1860	M	0.12 $\frac{1}{2}$				L	0.08
		1864	M	0.30			1878	H	0.09
		1865	M	0.35				L	0.08
		1866	M	0.25			1879	H	0.09
		1867	M	0.20				L	0.08
		1868	H	0.25			1880	H	0.09
			L	0.15				L	0.08
		1869	M	0.12 $\frac{1}{2}$			1880	M	0.07 $\frac{1}{2}$
		1870	M	0.12 $\frac{1}{2}$	Wisconsin, . . . yd.		1881	M	0.07 $\frac{1}{2}$
		1871	M	0.12 $\frac{1}{2}$			1882	M	0.07
		1872	M	0.12 $\frac{1}{2}$			1883	M	0.06 $\frac{1}{2}$
		1874	H	0.12 $\frac{1}{2}$			1884	M	0.06 $\frac{1}{2}$
			L	0.06					
		1875	H	0.10	<i>Foreign Countries.</i>				
			L	0.06	Argentine Republic, yd.		1881	M	0.50
		1876	H	0.07 $\frac{1}{2}$	Canada, . . . yd.		1882	M	0.10
			L	0.06	England, . . . yd.		1873	H	0.14
		1877	M	0.07				L	0.13
		1878	M	0.07			1878	H	0.19
		1879	M	0.07 $\frac{1}{2}$				mh	0.16
		1880	M	0.07 $\frac{1}{2}$				M	0.11
West Virginia, . . yd.		1851	H	0.12 $\frac{1}{2}$				L	0.07
			L	0.10			1882	H	0.16
		1852	H	0.12 $\frac{1}{2}$				L	0.08
			L	0.10			1883	H	0.13
		1853	H	0.12 $\frac{1}{2}$				mh	0.11
			L	0.10				M	0.08 $\frac{1}{2}$
		1854	H	0.12 $\frac{1}{2}$				ml	0.07
			L	0.10				L	0.04
		1855	H	0.12 $\frac{1}{2}$	Mexico, . . . yd.		1882	M	0.12
			L	0.10	West Indies, . . yd.		1881	H	0.30
		1856	H	0.12 $\frac{1}{2}$				L	0.25
			L	0.10					
		1857	H	0.12 $\frac{1}{2}$	<b>Coats, men's.</b>				
			L	0.10	<i>United States.</i>				
		1858	H	0.12 $\frac{1}{2}$	Illinois, . . . each		1885	H	8.00
			L	0.10				L	4.00
		1859	H	0.12 $\frac{1}{2}$					

GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.					ARTICLES, STATES, AND COUN- TRIES.				
	Ba- sis	Year	Grade	Prices		Ba- sis	Year	Grade	Prices
<b>CLOTHING, ETC.</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Coats, men's</b> — Con.					<b>Cotton Flannel</b> — Con.				
<i>United States</i> —Con.					<i>United States</i> —Con.				
Iowa, . . .	each	1885	H	\$20.00	Connecticut, . . .	yd.	1866	H	\$0.48
			M	8.00				L	0.43
			L	3.50			1867	M	0.38
Maryland, . . .	each	1885	H	8.00			1868	H	0.29
			L	2.50				L	0.22
Massachusetts, . .	each	1840	M	25.62			1869	H	0.35
		1845	M	1.75				L	0.20
		1855	H	12.50			1870	H	0.35
			mh	9.44				M	0.20
			M	6.98				L	0.15
			L	4.33			1871	H	0.22
		1857	H	8.75				M	0.20
			mh	7.50			1872	H	0.25
			M	6.67				M	0.22
			ml	5.58				L	0.18
			L	4.29			1873	H	0.22
		1858	H	12.75				L	0.18
			mh	9.00			1874	H	0.40
			M	6.56				mh	0.35
			ml	3.18				M	0.25
			L	1.25				ml	0.17
		1859	H	8.80				L	0.10
			mh	6.84			1875	H	0.30
			M	4.14				mh	0.25
			L	1.76				M	0.20
		1885	H	10.00				ml	0.16
			L	4.50				L	0.12½
Missouri, . . .	each	1889	M	8.00			1876	H	0.17
Wisconsin, . . .	each	1880	H	16.00				L	0.14
			M	10.00			1877	H	0.17
			ml	8.00				L	0.14
			L	4.50			1878	H	0.17
		1881	H	16.00				L	0.12
			M	10.00			1879	H	0.17
			ml	8.00				L	0.11½
			L	4.00			1880	H	0.18
		1882	H	15.00				L	0.12½
			M	9.00			1851	H	0.15
			ml	7.00				L	0.12
			L	3.50			1852	H	0.15
		1883	H	14.00				L	0.12
			M	8.00			1853	H	0.15
			ml	6.00				L	0.12
			L	3.00			1854	H	0.15
		1884	H	13.00				L	0.12
			M	8.00			1855	M	0.15
			ml	5.00			1856	H	0.15
			L	3.00				L	0.12
<i>Foreign Countries.</i>							1857	M	0.15
England, . . .	each	1885	H	4.86			1858	H	0.15
			L	2.92				L	0.12
Germany, . . .	each	1885	H	1.90			1859	M	0.15
			L	0.60			1860	H	0.15
Scotland, . . .	each	1879	M	9.00				L	0.12
<b>Cotton Flannel.</b>							1861	H	0.25
<i>United States.</i>								L	0.15
Connecticut, . . .	yd.	1860	M	0.15			1862	H	0.65
		1861	M	0.15				M	0.35
		1862	M	0.17				ml	0.25
		1863	M	0.37½			1863	L	0.20
		1864	H	0.58				H	0.65
			L	0.50			1864	H	0.30
		1865	H	0.65				M	0.65
			L	0.58				L	0.40
								L	0.35

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CLOTHING, ETC.</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Cotton Flannel</b> — Con.					<b>Cotton Flannel</b> — Con.				
<i>United States-Con.</i>					<i>United States-Con.</i>				
Illinois, . . . . yd.		1865	H	\$0.90	Indiana, . . . . yd.		1853	H	\$0.15
			mh	0.65				M	0.12 $\frac{1}{2}$
			M	0.50				L	0.10
			L	0.30			1854	H	0.12 $\frac{1}{2}$
		1866	H	0.65				M	0.11 $\frac{1}{2}$
			mh	0.50				L	0.10
			M	0.35			1855	H	0.12 $\frac{1}{2}$
			L	0.25				M	0.11 $\frac{1}{2}$
		1867	H	0.40				L	0.10
			M	0.30			1856	H	0.12 $\frac{1}{2}$
			L	0.22				L	0.10
		1868	H	0.30			1857	H	0.12 $\frac{1}{2}$
			M	0.25				L	0.10
			ml	0.20			1858	H	0.12 $\frac{1}{2}$
			L	0.15				L	0.10
		1869	H	0.30			1859	H	0.15
			mh	0.25				M	0.12 $\frac{1}{2}$
			M	0.20				ml	0.10 $\frac{1}{2}$
			ml	0.19				L	0.08 $\frac{1}{2}$
			L	0.15			1860	H	0.15
		1870	H	0.25				M	0.12 $\frac{1}{2}$
			M	0.18				ml	0.10
			L	0.15				L	0.08 $\frac{1}{2}$
		1871	H	0.25			1861	H	0.25
			mh	0.20				M	0.18
			M	0.15				ml	0.12 $\frac{1}{2}$
			L	0.08				L	0.10
		1872	H	0.25			1862	H	0.25
			mh	0.20				M	0.20
			M	0.18				L	0.15
			L	0.15			1863	H	0.45
		1873	H	0.25				mh	0.40
			mh	0.20				M	0.30
			M	0.17				L	0.25
			L	0.15			1864	H	0.90
		1874	H	0.22 $\frac{1}{2}$				M	0.50
			mh	0.20				ml	0.30
			M	0.18				L	0.25
			ml	0.15			1865	H	0.75
			L	0.13 $\frac{1}{2}$				M	0.40
		1875	H	0.20				L	0.25
			M	0.16			1866	H	0.75
			L	0.12 $\frac{1}{2}$				M	0.30
		1876	H	0.20				ml	0.25
			mh	0.17 $\frac{1}{2}$				L	0.20
			M	0.15			1867	H	0.60
			ml	0.13				M	0.25
			L	0.10				L	0.18
		1877	H	0.17 $\frac{1}{2}$			1868	H	0.30
			mh	0.15				M	0.25
			M	0.13 $\frac{1}{2}$				L	0.20
			L	0.10			1869	H	0.25
		1878	H	0.16				M	0.20
			M	0.12 $\frac{1}{2}$				ml	0.18
			L	0.09				L	0.15
		1879	H	0.17 $\frac{1}{2}$			1870	H	0.25
			mh	0.15				mh	0.22
			M	0.12 $\frac{1}{2}$				M	0.16 $\frac{2}{3}$
			L	0.10				ml	0.15
		1880	H	0.16				L	0.12 $\frac{1}{2}$
			M	0.12 $\frac{1}{2}$			1871	H	0.25
			L	0.10				mh	0.22
Indiana, . . . . yd.		1851	H	0.15				M	0.15
			M	0.12 $\frac{1}{2}$				ml	0.12 $\frac{1}{2}$
			L	0.10				L	0.10
		1852	H	0.15			1872	H	0.25
			M	0.12 $\frac{1}{2}$				M	0.15
			L	0.10				ml	0.12 $\frac{1}{2}$

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>CLOTHING, ETC.</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Cotton Flannel</b> — Con.					<b>Cotton Flannel</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Indiana, . . . yd.		1872	L	\$0.10	Massachusetts, . yd.		1854	M	\$0.13
		1873	H	0.25			1855	M	0.12
			mh	0.20			1856	M	0.12
			M	0.15			1857	M	0.14
			ml	0.12 $\frac{1}{2}$			1858	M	0.13
			L	0.10			1859	M	0.13
		1874	H	0.20			1860	M	0.13
			M	0.18			1861	M	0.17
			ml	0.12 $\frac{1}{2}$			1862	M	0.30
			L	0.10			1863	M	0.35
		1875	H	0.20			1864	M	0.50
			M	0.15			1865	M	0.50
			ml	0.12 $\frac{1}{2}$			1866	H	0.45
			L	0.10				M	0.31
		1876	H	0.18				L	0.26
			mh	0.16 $\frac{3}{4}$			1867	H	0.44
			M	0.12 $\frac{1}{2}$				L	0.20 $\frac{1}{2}$
			L	0.10			1868	H	0.40
		1877	H	0.16				M	0.31 $\frac{1}{2}$
			M	0.12 $\frac{1}{2}$				L	0.16 $\frac{1}{2}$
			L	0.10			1869	H	0.36 $\frac{1}{2}$
		1878	H	0.15				L	0.15
			M	0.12 $\frac{1}{2}$			1870	H	0.35
			L	0.09				M	0.29 $\frac{1}{2}$
		1879	H	0.12 $\frac{1}{2}$				L	0.15
			L	0.09			1871	H	0.35
		1880	H	0.12 $\frac{1}{2}$				M	0.26
			L	0.09				L	0.11 $\frac{1}{2}$
Iowa, . . . yd.		1867	M	0.25			1872	M	0.34
		1868	M	0.25				H	0.26 $\frac{1}{2}$
		1869	M	0.25				L	0.12 $\frac{1}{2}$
		1870	M	0.25			1873	H	0.32
		1871	M	0.25				M	0.26
		1872	M	0.25				L	0.12 $\frac{1}{2}$
		1873	M	0.22			1874	H	0.32
		1874	M	0.22				M	0.23 $\frac{1}{2}$
		1875	M	0.20				L	0.10 $\frac{1}{2}$
		1876	M	0.18			1875	H	0.30
		1877	M	0.15				M	0.22
		1878	M	0.15				L	0.09 $\frac{1}{2}$
		1879	M	0.15			1876	H	0.27
		1880	M	0.15				M	0.21
Kansas, . . . yd.		1871	M	0.20				L	0.08 $\frac{3}{4}$
		1872	M	0.20			1877	H	0.25
		1873	M	0.20				M	0.20
		1874	M	0.18				L	0.08
		1875	M	0.18			1878	H	0.23
		1876	M	0.15				L	0.14 $\frac{3}{4}$
		1877	M	0.15			1879	M	0.21
		1878	M	0.12 $\frac{1}{2}$			1880	H	0.17
		1879	M	0.12 $\frac{1}{2}$				L	0.10 $\frac{1}{2}$
		1880	M	0.12 $\frac{1}{2}$			1891	H	0.20
Massachusetts, . yd.		1830	M	0.22				mh	0.18
		1831	H	0.36				M	0.12 $\frac{1}{2}$
			L	0.20				ml	0.10
		1832	M	0.16				L	0.06
		1834	M	0.14	Missouri, . . . yd.		1851	M	0.12
		1835	M	0.20			1852	M	0.15
		1837	M	0.20			1857	M	0.15
		1838	M	0.16			1858	M	0.12 $\frac{1}{2}$
		1841	M	0.10			1859	M	0.12 $\frac{1}{2}$
		1845	M	0.12			1860	M	0.12 $\frac{1}{2}$
		1846	M	0.12			1861	M	0.13
		1847	H	0.31			1862	M	0.22
			L	0.11			1863	M	0.75
		1851	M	0.14			1864	M	0.75
		1852	M	0.14			1865	M	0.65
		1853	M	0.13			1866	M	0.25



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>CLOTHING, ETC.</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Cotton Flannel</b> — Con.					<b>Cotton Flannel</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Missouri, . . . yd.		1867	M	\$0.25	New York, . . . yd.		1873	H	\$0.22
		1868	M	0.25				L	0.18
		1869	M	0.25			1874	H	0.21 $\frac{1}{2}$
		1870	M	0.25				L	0.18
		1871	H	0.30			1875	H	0.19
			L	0.18				L	0.17
		1872	M	0.18			1876	M	0.16
		1873	M	0.18			1877	M	0.16
		1874	M	0.16			1878	M	0.16
		1875	M	0.15			1879	H	0.15
		1876	M	0.15				L	0.12 $\frac{1}{2}$
		1877	M	0.15			1880	H	0.15
		1878	H	0.15				L	0.11
			L	0.12 $\frac{1}{2}$	Ohio, . . . yd.		1851	H	0.16
		1879	H	0.15				M	0.12 $\frac{1}{2}$
			L	0.12 $\frac{1}{2}$				L	0.08 $\frac{1}{2}$
		1880	H	0.15			1852	H	0.12 $\frac{1}{2}$
			L	0.13 $\frac{1}{2}$				L	0.09
		1889	H	0.20			1853	H	0.12 $\frac{1}{2}$
			mh	0.15				L	0.09
			M	0.12 $\frac{1}{2}$			1854	H	0.12 $\frac{1}{2}$
			ml	0.07 $\frac{1}{2}$				L	0.10
			L	0.05			1855	H	0.12 $\frac{1}{2}$
New Jersey, . . yd.		1866	M	0.31				L	0.10
		1867	H	0.31			1856	H	0.12 $\frac{1}{2}$
			L	0.28				L	0.10
		1868	M	0.28			1867	H	0.12 $\frac{1}{2}$
		1869	H	0.31				L	0.10
			L	0.25			1858	H	0.12 $\frac{1}{2}$
		1870	M	0.31				L	0.10
		1871	M	0.31			1859	H	0.12 $\frac{1}{2}$
		1872	M	0.31				L	0.10
		1873	M	0.22			1860	H	0.12 $\frac{1}{2}$
		1874	M	0.20				L	0.10
		1875	M	0.20			1861	H	0.15
		1876	M	0.20				M	0.12 $\frac{1}{2}$
		1877	M	0.16				L	0.10
		1878	H	0.15			1862	H	0.65
			L	0.10				mh	0.37 $\frac{1}{2}$
		1879	H	0.20				M	0.25
			M	0.15				ml	0.20
			L	0.10				L	0.10
		1880	H	0.18			1863	H	0.90
			M	0.15				mh	0.50
			L	0.08				M	0.40
New York, . . . yd.		1851	M	0.12 $\frac{1}{2}$				ml	0.22
		1852	M	0.12 $\frac{1}{2}$				L	0.15
		1853	M	0.12 $\frac{1}{2}$			1864	H	0.80
		1854	M	0.12 $\frac{1}{2}$				mh	0.75
		1855	M	0.12 $\frac{1}{2}$				M	0.35
		1856	M	0.12 $\frac{1}{2}$				L	0.25
		1857	M	0.12 $\frac{1}{2}$			1865	H	0.80
		1858	M	0.12 $\frac{1}{2}$				M	0.60
		1859	M	0.12 $\frac{1}{2}$				ml	0.37 $\frac{1}{2}$
		1860	M	0.12 $\frac{1}{2}$				L	0.30
		1861	M	0.15			1866	H	0.60
		1862	M	0.18 $\frac{1}{2}$				mh	0.50
		1863	M	0.35				M	0.40
		1864	M	0.50				L	0.25
		1865	M	0.40			1867	H	0.45
		1866	M	0.40				mh	0.40
		1867	M	0.30				M	0.35
		1868	M	0.31				L	0.25
		1869	M	0.28			1868	H	0.37
		1870	M	0.25				M	0.30
		1871	M	0.25				L	0.20
		1872	H	0.25			1869	H	0.30
			L	0.20				M	0.20

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CLOTHING, ETC.</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Cotton Flannel</b> — Con.					<b>Cotton Flannel</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Ohio, . . . yd.	1869	L	\$0.18		Pennsylvania, . . yd.	1868	L	\$0.18	
	1870	H	0.27 $\frac{1}{2}$			1869	H	0.25	
		M	0.18				M	0.20	
		L	0.15				L	0.18	
	1871	H	0.30			1870	H	0.20	
		M	0.20				L	0.16	
		L	0.12 $\frac{1}{2}$			1871	H	0.20	
	1872	H	0.25				M	0.16	
		mh	0.20				L	0.10	
		M	0.18			1872	H	0.20	
		ml	0.15				M	0.15	
		L	0.12 $\frac{1}{2}$				L	0.10	
	1873	H	0.25			1873	H	0.18	
		M	0.18				M	0.16	
		L	0.12 $\frac{1}{2}$				L	0.10	
	1874	H	0.25			1874	H	0.19	
		M	0.15				M	0.15	
		L	0.12 $\frac{1}{2}$				L	0.09	
	1875	H	0.20			1875	H	0.18 $\frac{1}{2}$	
		M	0.15				M	0.15	
		L	0.12 $\frac{1}{2}$				L	0.09	
	1876	H	0.15			1876	H	0.14	
		M	0.12 $\frac{1}{2}$				M	0.12 $\frac{1}{2}$	
		L	0.10				L	0.09	
	1877	H	0.15			1877	H	0.12 $\frac{1}{2}$	
		M	0.12 $\frac{1}{2}$				L	0.09	
		L	0.10			1878	H	0.12 $\frac{1}{2}$	
	1878	H	0.15				L	0.10	
		M	0.12 $\frac{1}{2}$			1879	H	0.12 $\frac{1}{2}$	
		L	0.09				L	0.10	
	1879	H	0.15			1880	H	0.12 $\frac{1}{2}$	
		M	0.12 $\frac{1}{2}$				L	0.10	
		L	0.10		Tennessee, . . yd.	1857	M	0.12 $\frac{1}{2}$	
	1880	H	0.12 $\frac{1}{2}$			1859	M	0.12 $\frac{1}{2}$	
		L	0.10			1870	M	0.20	
Pennsylvania, . . yd.	1851	M	0.12 $\frac{1}{2}$			1874	H	0.12 $\frac{1}{2}$	
	1852	M	0.12 $\frac{1}{2}$				L	0.10	
	1853	H	0.14			1875	H	0.12 $\frac{1}{2}$	
		L	0.12 $\frac{1}{2}$				L	0.10	
	1854	H	0.14			1876	M	0.12 $\frac{1}{2}$	
		L	0.12 $\frac{1}{2}$			1877	H	0.12 $\frac{1}{2}$	
	1855	H	0.14				L	0.10	
		L	0.12 $\frac{1}{2}$			1878	M	0.12 $\frac{1}{2}$	
	1856	M	0.12 $\frac{1}{2}$			1879	H	0.12 $\frac{1}{2}$	
	1857	M	0.12 $\frac{1}{2}$				L	0.10	
	1858	M	0.12 $\frac{1}{2}$			1880	H	0.12 $\frac{1}{2}$	
	1859	M	0.12 $\frac{1}{2}$				L	0.10	
	1860	M	0.12 $\frac{1}{2}$		West Virginia, . yd.	1851	H	0.14	
	1861	H	0.15				L	0.12 $\frac{1}{2}$	
		L	0.12 $\frac{1}{2}$			1852	H	0.14	
	1862	H	0.25				L	0.12 $\frac{1}{2}$	
		L	0.15			1853	H	0.14	
	1863	H	0.45				L	0.12 $\frac{1}{2}$	
		M	0.30			1854	H	0.14	
		L	0.25				L	0.12 $\frac{1}{2}$	
	1864	H	0.60			1855	H	0.14	
		M	0.55				L	0.12 $\frac{1}{2}$	
		L	0.50			1856	H	0.14	
	1865	H	0.50				L	0.12 $\frac{1}{2}$	
		L	0.37			1857	H	0.14	
	1866	H	0.35				L	0.12 $\frac{1}{2}$	
		M	0.30			1858	H	0.14	
		L	0.25				L	0.12 $\frac{1}{2}$	
	1867	H	0.30			1859	H	0.14	
		M	0.26				L	0.12 $\frac{1}{2}$	
		L	0.20			1860	H	0.14	
	1868	H	0.28				L	0.12 $\frac{1}{2}$	
		M	0.25			1861	H	0.25	

GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices
CLOTHING, ETC. — Con.								CLOTHING, ETC. — Con.							
Cotton Flannel — Con.								Flannel—Con.							
United States—Con.								United States—Con.							
West Virginia,	yd.	1861	L	\$0.15				Massachusetts,	yd.	1844	H	\$0.45			
		1862	L	0.40						1845	L	0.20			
		1863	H	0.25						1846	L	0.40			
		1864	L	0.50						1847	H	0.26			
		1865	L	0.37½						1848	L	0.44			
		1866	H	0.75						1849	L	0.13			
		1867	L	0.60						1850	H	0.33			
		1868	M	0.60						1851	L	0.22			
		1869	M	0.50						1852	M	0.30			
		1870	H	0.35						1853	M	0.20			
		1871	L	0.25						1854	H	0.75			
		1872	H	0.30						1855	L	0.12			
		1873	L	0.20						1856	H	0.65			
		1874	H	0.25						1857	M	0.34			
		1875	L	0.20						1858	L	0.19			
		1876	H	0.25						1859	H	0.58			
		1877	L	0.20						1860	L	0.35			
		1878	H	0.25						1861	H	0.61			
		1879	L	0.14						1862	M	0.35			
		1880	H	0.25						1863	L	0.12			
		1881	L	0.14						1864	H	0.53			
		1882	H	0.20						1865	L	0.34			
		1883	L	0.14						1866	M	0.40			
		1884	H	0.18						1867	H	0.85			
		1885	L	0.14						1868	M	0.60			
		1886	M	0.15						1869	mh	0.60			
		1887	M	0.15						1870	M	0.50			
		1888	H	0.14						1871	ml	0.37			
		1889	L	0.12½						1872	L	0.20			
		1890	H	0.14						1873	H	0.75			
		1891	L	0.12½						1874	mh	0.70			
		1892	H	0.14						1875	M	0.45			
		1893	L	0.12½						1876	ml	0.33			
		1894	H	0.14						1877	L	0.20			
		1895	L	0.12½						1878	H	0.75			
Foreign Countries.								Missouri, . . . yd.							
England, . . . yd.	1873	H	0.16					1889	H	0.75					
	1878	L	0.10						mh	0.50					
		H	0.16						M	0.45					
		L	0.09						ml	0.30					
Flannel.								New Jersey, . . . yd.							
United States.								1882							
Connecticut, . . yd.	1860	M	0.50						H	0.75					
	1887	M	0.35						mh	0.60					
Iowa, . . . yd.	1885	H	0.50						M	0.40					
		M	0.30						ml	0.25					
		L	0.20						L	0.10					
Maryland, . . yd.	1882	H	0.50						1882	H	1.25				
		L	0.40						mh	1.00					
Massachusetts, . yd.	1830	H	0.62						M	0.75					
		M	0.35						ml	0.45					
		L	0.25						L	0.20					
	1831	H	0.65						1882	H	0.75				
		L	0.33						mh	0.50					
	1835	M	0.33						M	0.45					
	1837	H	0.54						ml	0.35					
		L	0.15						L	0.20					
	1838	M	0.50						1883	H	0.49				
	1840	M	0.53							L	0.44				
	1841	H	1.00						1887	H	0.65				
		mh	0.75						mh	0.60					
		M	0.52						M	0.45					
		L	0.13						ml	0.35					
	1843	H	0.43						1882	L	0.25				
		L	0.13							H	1.50				
										mh	0.60				
										M	0.45				

GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.					ARTICLES, STATES, AND COUN- TRIES.				
	Ba- sis	Year	Grade	Prices		Ba- sis	Year	Grade	Prices
<b>CLOTHING, ETC.</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Flannel</b> — Con.					<b>Gingham</b> — Con.				
<i>United States</i> —Con.					<i>United States</i> —Con.				
Pennsylvania, . . .	yd.	1882	ml	\$0.40	Massachusetts, . . .	yd.	1885	mh	\$0.11
			L	0.25				M	0.09
		1884	H	0.91				ml	0.08
			mh	0.75				L	0.06
			M	0.50			1891	H	0.25
			ml	0.38				mh	0.20
			L	0.20				M	0.15
		1885	H	0.70				ml	0.10
			mh	0.60				L	0.05
			M	0.40	Missouri, . . . . .	yd.	1889	H	0.12½
			ml	0.25				mh	0.10
			L	0.10				M	0.08½
								ml	0.07
								L	0.05
<i>Foreign Countries.</i>					<b>Gloves.</b>				
Canada, . . . . .	yd.	1882	H	1.00	<i>United States.</i>				
			L	0.40	Massachusetts, . . .	pair	1830	H	0.75
England, . . . . .	yd.	1878	H	0.24				M	0.58
			L	0.19				L	0.42
		1883	H	0.52			1832	H	0.62
			mh	0.48				L	0.54
			M	0.36			1833	H	0.68
			L	0.24				L	0.29
West Indies, . . .	yd.	1881	M	1.75			1834	H	0.50
								L	0.31
<b>Gingham.</b>							1835	H	0.87
<i>United States.</i>								L	0.40
Connecticut, . . .	yd.	1860	M	0.12			1836	H	0.75
		1887	M	0.08				L	0.41
Iowa, . . . . .	yd.	1885	H	0.10½			1837	H	0.50
			M	0.09				L	0.25
			L	0.05			1838	H	0.71
Massachusetts, . .	yd.	1830	M	0.41				L	0.42
		1831	H	0.33			1839	H	0.50
			L	0.15				L	0.25
		1832	M	0.33			1840	H	0.42
		1833	M	0.25				M	0.25
		1834	H	0.33				L	0.15
			M	0.24			1841	M	0.75
			L	0.16			1842	M	0.25
		1837	M	0.26			1843	H	0.37
		1839	M	0.16				L	0.25
		1843	M	0.24			1844	H	0.74
		1844	M	0.21				L	0.06
		1845	M	0.12			1845	H	1.00
		1846	M	0.25				L	0.08
		1847	M	0.12			1847	H	0.47
		1848	H	0.30				L	0.25
			L	0.18			1848	H	0.66
		1849	M	0.14				L	0.42
		1850	M	0.24			1849	M	0.23
		1855	H	0.33			1850	H	0.37
			L	0.17				L	0.25
		1856	H	0.23			1851	H	0.75
			L	0.14				L	0.20
		1857	H	0.21			1854	M	0.50
			L	0.14			1855	H	1.04
		1858	H	0.22				M	0.59
			L	0.12				L	0.26
		1859	H	0.21			1856	H	0.68
			L	0.11				L	0.19
		1860	M	0.19			1857	H	1.21
		1880	H	0.14				M	0.85
			mh	0.12				L	0.29
			M	0.10			1858	H	1.12
			ml	0.08				mh	0.83
			L	0.06				M	0.57
		1885	H	0.12½				L	0.21



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CLOTHING, ETC.</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Gloves — Con.</b>					<b>Hats, men's</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Massachusetts, . . . pair	1859	H	\$1.12		Massachusetts, . . . each	1885	mh	\$2.25	
	1860	L	0.13				M	1.75	
	1891	M	0.59				ml	1.25	
		H	2.00				L	1.00	
		L	0.50			1891	H	4.00	
Missouri, . . . pair	1889	H	1.75				mh	3.00	
		M	1.40				M	2.25	
		ml	0.25				ml	1.50	
		L	0.10				L	0.38	
Wisconsin, . . . pair	1880	M	0.85		Missouri, . . . each	1889	H	4.00	
	1881	M	0.75				mh	3.00	
	1882	M	0.75				M	2.00	
	1883	M	0.65				ml	1.50	
	1884	M	0.65				L	0.50	
<b>Hats, men's.</b>					<i>Foreign Countries.</i>				
<i>United States.</i>					England, . . . each	1883	H	1.24	
Illinois, . . . each	1885	H	4.00				M	1.09	
		L	1.12½				ml	0.72	
Maryland, . . . each	1885	H	3.00			1885	H	0.60	
		L	1.25				L	2.00	
Massachusetts, . . . each	1831	M	4.00		Germany, . . . each	1885	L	0.24	
	1832	M	4.00				H	2.86	
	1833	H	6.00				L	0.49	
		M	2.75		<b>Hose (COTTON,</b>				
		L	0.25		<b>WOOLEN, ETC.).</b>				
	1836	M	2.25		<i>United States.</i>				
	1838	H	6.00		Connecticut, . . . pair	1860	M	0.37	
		M	2.00			1887	M	0.25	
		L	0.16		Illinois, . . . pair	1885	H	0.20	
	1839	H	3.50				L	0.12	
		L	0.31		Maryland, . . . pair	1885	H	0.30	
	1841	H	4.00				L	0.15	
		L	1.75		Massachusetts, . . . pair	1830	H	0.46	
	1844	M	3.50				M	0.38	
	1845	M	4.50				L	0.25	
	1846	M	0.25				M	0.75	
	1847	H	2.25			1831	H	0.47	
		L	0.40				L	0.28	
	1848	H	0.29				L	0.91	
		L	0.13			1832	H	0.58	
	1855	H	3.00				M	0.33	
		M	2.06				L	0.62	
		L	1.06			1833	M	0.74	
	1856	H	3.00			1834	H	0.65	
		M	1.37				L	0.85	
		ml	0.70			1835	H	0.62	
		L	0.23				L	0.75	
	1857	H	3.17			1836	H	0.25	
		M	1.91				L	0.75	
		ml	0.88			1837	H	0.46	
		L	0.24				L	0.51	
	1858	H	3.54			1838	M	0.66	
		mh	2.57			1839	H	0.17	
		M	1.57				L	0.75	
		ml	1.12			1840	H	0.62	
		L	0.18				M	0.44	
	1859	H	2.79				ml	0.69	
		M	1.73				L	0.58	
		ml	1.02			1841	H	0.67	
		L	0.33				M	0.52	
	1880	H	3.00			1842	H	0.43	
		mh	2.50				L	0.50	
		M	2.00				M	0.27	
		ml	1.50			1843	H	0.27	
		L	1.00				L	0.32	
	1885	H	2.50			1845	M		

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
CLOTHING, ETC. — Con.					CLOTHING, ETC. — Con.				
Hose (COTTON, WOOLLEN, ETC.) — Con.					Hose (COTTON, WOOLLEN, ETC.) — Con.				
United States—Con.					Foreign Countries — Con.				
Massachusetts, . . . pair		1846	H	\$0.37	England, . . . pair		1883	M	\$0.32
			M	0.25				L	0.22
			L	0.17			1885	H	0.36
		1847	H	0.71				L	0.12
			L	0.13	Germany, . . . pair		1885	H	0.59
		1848	H	0.33				L	0.24
			mh	0.27					
			M	0.19					
			L	0.10					
		1849	H	0.25					
			L	0.16					
		1850	H	0.50					
			L	0.14					
		1852	H	0.75					
			L	0.12					
		1855	H	1.00					
			M	0.44					
			L	0.17					
		1856	H	0.46					
			L	0.14					
		1857	H	1.25					
			mh	1.00					
			M	0.43					
			ml	0.24					
			L	0.14					
		1858	H	0.59					
			M	0.29					
			L	0.14					
		1859	H	0.43					
			M	0.25					
			L	0.13					
		1860	M	0.44					
		1880	H	0.60					
			mh	0.45					
			M	0.33					
			ml	0.20					
			L	0.08					
		1885	H	0.65					
			mh	0.50					
			M	0.37					
			ml	0.22					
			L	0.08					
		1891	H	1.25					
			mh	0.75					
			M	0.50					
			ml	0.25					
			L	0.05					
Missouri, . . . pair		1889	H	0.65					
			mh	0.50					
			M	0.35					
			ml	0.25					
			L	0.05					
Wisconsin, . . . pair		1880	H	0.75					
			L	0.65					
		1881	H	0.75					
			L	0.65					
		1882	H	0.65					
			L	0.55					
		1883	H	0.60					
			L	0.50					
		1884	H	0.50					
			L	0.40					
Foreign Countries.									
England, . . . pair		1883	H	0.60					
			mh	0.48					

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CLOTHING, ETC.</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Muslin — Con.</b>					<b>Muslin-de-laine</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Massachusetts, . . . yd.	1891	H	\$0.12½		Connecticut, . . . yd.	1865	H	\$0.67	
		M	0.10				L	0.35	
		L	0.05			1866	H	0.67	
Missouri, . . . yd.	1889	H	0.10				L	0.39	
		M	0.08½			1867	M	0.50	
		L	0.05			1868	M	0.34	
New Jersey, . . . yd.	1882	H	0.20			1869	M	0.28	
		mh	0.14			1870	M	0.25	
		M	0.11			1871	M	0.25	
		ml	0.08			1872	M	0.22	
		L	0.05			1873	M	0.22	
New York, . . . yd.	1882	H	0.25			1874	M	0.25	
		mh	0.18			1875	M	0.23	
		M	0.15			1876	M	0.20	
		ml	0.10			1877	M	0.20	
		L	0.06			1878	M	0.17	
Ohio, . . . yd.	1877	H	0.11			1879	M	0.17	
		L	0.08			1880	M	0.20	
	1878	H	0.12½		Illinois, . . . yd.	1851	M	0.25	
		L	0.10			1852	M	0.25	
	1882	H	0.15			1853	M	0.25	
		mh	0.12½			1854	M	0.25	
		M	0.10			1855	M	0.25	
		ml	0.08			1856	M	0.25	
		L	0.06			1857	M	0.25	
	1883	H	0.11			1858	H	0.25	
		L	0.09				L	0.20	
	1887	H	0.18			1859	H	0.25	
		mh	0.15				L	0.15	
		M	0.10½			1860	H	0.25	
		ml	0.07½				L	0.15	
		L	0.04			1861	M	0.25	
Pennsylvania, . . . yd.	1882	H	0.20			1862	M	0.25	
		mh	0.15			1863	M	0.35	
		M	0.13			1864	H	0.60	
		ml	0.09				L	0.35	
		L	0.08			1865	M	0.40	
Wisconsin, . . . yd.	1880	H	0.12½			1866	H	0.35	
		L	0.09½				L	0.30	
	1881	H	0.13			1867	H	0.30	
		L	0.09½				M	0.25	
	1882	H	0.13				L	0.20	
		L	0.09½			1868	M	0.25	
	1883	H	0.11½			1869	H	0.30	
		L	0.09				L	0.25	
	1884	H	0.10½			1870	H	0.25	
		L	0.08½				L	0.22½	
<i>Foreign Countries.</i>						1871	H	0.25	
Argentine Republic, yd.	1881	H	0.32				L	0.20	
		mh	0.25			1872	H	0.25	
		M	0.17				M	0.22½	
		ml	0.12½				L	0.20	
		L	0.10			1873	H	0.25	
Canada, . . . yd.	1882	H	0.20				M	0.20	
		M	0.15				L	0.15	
		ml	0.10			1874	H	0.25	
		L	0.04				M	0.20	
							L	0.18	
<b>Muslin*-de-laine.</b>						1875	H	0.25	
<i>United States.</i>							M	0.20	
Connecticut, . . . yd.	1860	M	0.25				L	0.15	
	1861	M	0.22			1876	H	0.25	
	1862	M	0.25				M	0.20	
	1863	M	0.37½				L	0.17½	
	1864	H	0.62½			1877	H	0.20	
		L	0.33				L	0.15	
						1878	H	0.20	
							L	0.15	

\* French, "mousseline."

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
CLOTHING, ETC. — Con.					CLOTHING, ETC. — Con.				
Muslin-de-laine — Con.					Muslin-de-laine — Con.				
United States-Con.					United States-Con.				
Illinois, . . . . yd.		1879	H	\$0.20	Indiana, . . . . yd.		1871	H	\$0.25
			L	0.15				M	0.20
		1880	H	0.20				L	0.15
			L	0.15			1872	H	0.25
Indiana, . . . . yd.		1851	H	0.30				M	0.20
			M	0.25				L	0.15
			L	0.20			1873	H	0.25
		1852	H	0.30				M	0.18
			M	0.25				L	0.15
			L	0.20			1874	H	0.25
		1853	H	0.25				L	0.15
			L	0.20			1875	H	0.35
		1854	H	0.25				M	0.25
			L	0.20				ml	0.20
		1855	H	0.25				L	0.15
			L	0.19			1876	H	0.32 $\frac{1}{2}$
		1856	H	0.25				mh	0.25
			L	0.19				M	0.20
		1857	H	0.25				ml	0.15
			L	0.19				L	0.12 $\frac{1}{2}$
		1858	H	0.25			1877	H	0.30
			L	0.15				mh	0.25
		1859	H	0.25				M	0.20
			M	0.20				ml	0.15
			L	0.18				L	0.12 $\frac{1}{2}$
		1860	H	0.25			1878	H	0.30
			M	0.20				mh	0.25
			L	0.18				M	0.20
		1861	H	0.35				ml	0.15
			M	0.25				L	0.12 $\frac{1}{2}$
			L	0.20			1879	H	0.30
		1862	H	0.35				mh	0.20
			M	0.30				M	0.18
			L	0.25				ml	0.15
		1863	H	0.50				L	0.12 $\frac{1}{2}$
			mh	0.45			1880	H	0.25
			M	0.40				mh	0.20
			ml	0.35				M	0.18
			L	0.25				ml	0.15
		1864	H	0.75				L	0.12 $\frac{1}{2}$
			mh	0.65	Iowa, . . . . yd.		1867	M	0.25
			M	0.50			1868	M	0.25
			ml	0.40			1869	M	0.25
			L	0.30			1870	M	0.25
		1865	H	0.70			1871	M	0.25
			mh	0.50			1872	M	0.25
			M	0.45			1873	M	0.25
			ml	0.35			1874	M	0.25
			L	0.30			1875	M	0.22
		1866	H	0.65			1876	M	0.22
			mh	0.40			1877	M	0.20
			M	0.35			1878	M	0.18
			ml	0.30			1879	M	0.15
			L	0.25			1880	M	0.15
		1867	H	0.50	Massachusetts, . yd.		1838	H	0.74
			M	0.35				L	0.51
			ml	0.30			1840	M	0.25
			L	0.22 $\frac{1}{2}$			1841	M	0.62
		1868	H	0.45			1842	M	0.25
			M	0.35			1843	H	0.46
			ml	0.25				L	0.37
			L	0.20			1844	H	0.44
		1869	H	0.35				L	0.23
			M	0.25			1845	M	0.33
			L	0.18			1846	H	0.33
		1870	H	0.35				L	0.23
			M	0.27 $\frac{1}{2}$			1847	H	0.39
			L	0.18				M	0.25



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>CLOTHING, ETC.</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Muslin-de-laine</b> — Con.					<b>Muslin-de-laine</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Massachusetts, . . . yd.		1847	L	\$0.16	Missouri, . . . yd.		1877	H	\$0.15
		1848	M	0.16				L	0.13
		1849	M	0.20			1878	M	0.13
		1850	M	0.14			1879	H	0.13
		1851	H	0.22				L	0.10
			L	0.16			1880	H	0.13
		1852	H	0.16				L	0.10
			L	0.14	New Jersey, . . . yd.		1867	M	0.27
		1853	H	0.17			1869	M	0.23
			L	0.13			1874	M	0.19
		1854	M	0.18			1878	M	0.12 <sup>1</sup> <sub>2</sub>
		1855	H	0.23			1879	M	0.12 <sup>1</sup> <sub>2</sub>
			L	0.15			1880	M	0.12 <sup>1</sup> <sub>2</sub>
		1856	M	0.16	New York, . . . yd.		1851	M	0.25
		1857	M	0.18			1852	M	0.25
		1858	M	0.13			1853	M	0.25
		1859	M	0.13			1854	M	0.25
		1860	M	0.33			1855	M	0.25
		1861	M	0.33			1856	M	0.25
		1862	M	0.30			1857	M	0.25
		1863	M	0.30			1858	M	0.18 <sup>1</sup> <sub>2</sub>
		1864	M	0.33			1859	M	0.18 <sup>1</sup> <sub>2</sub>
		1865	M	0.38			1860	M	0.25
		1866	H	0.35			1861	M	0.25
			L	0.27			1862	M	0.25
		1867	H	0.30			1863	M	0.25
			M	0.25			1864	M	0.35
			L	0.21			1865	M	0.45
		1868	H	0.30			1866	M	0.25
			L	0.18 <sup>1</sup> <sub>2</sub>			1867	M	0.25
		1869	H	0.25			1868	M	0.20
			L	0.20			1869	H	0.30
		1870	H	0.25				L	0.22
			L	0.18 <sup>1</sup> <sub>2</sub>			1870	H	0.25
		1871	H	0.25				L	0.22
			L	0.18			1871	H	0.25
		1872	M	0.25				L	0.22
		1873	M	0.25			1872	M	0.23
		1874	M	0.24			1873	H	0.23
		1875	M	0.22				L	0.20
		1876	M	0.21			1874	M	0.23
		1877	M	0.20			1875	M	0.20
		1878	M	0.20			1876	M	0.20
		1879	M	0.19			1877	M	0.18
		1880	M	0.18	Ohio, . . . yd.		1851	H	0.31
Missouri, . . . yd.		1858	M	0.20				M	0.25
		1859	M	0.20				L	0.15
		1860	M	0.20			1852	H	0.31
		1861	M	0.20				M	0.25
		1862	M	0.25				L	0.15
		1863	M	0.50			1853	H	0.25
		1864	M	0.55				L	0.15
		1865	M	0.50			1854	H	0.25
		1866	M	0.20				L	0.15
		1867	M	0.20			1855	H	0.25
		1868	M	0.20				L	0.15
		1869	M	0.20			1856	H	0.25
		1870	M	0.20				L	0.15
		1871	H	0.25			1857	H	0.25
			L	0.15				L	0.15
		1872	H	0.25			1858	H	0.25
			L	0.15				L	0.15
		1873	H	0.20			1859	H	0.25
			L	0.15				L	0.15
		1874	H	0.20			1860	H	0.25
			L	0.14				L	0.15
		1875	M	0.15			1861	H	0.35
		1876	M	0.15				M	0.25

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.				Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.				Bas- sis	Year	Grade	Prices																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices
CLOTHING, ETC. — Con.							
Muslin-de-laine — Con.							
United States—Con.							
West Virginia,	yd.	1855	H	\$0.25			
			L	0.16			
		1856	H	0.25			
			L	0.16			
		1857	H	0.25			
			L	0.16			
		1858	H	0.25			
			L	0.16			
		1859	H	0.25			
			L	0.15			
		1860	H	0.25			
			L	0.15			
		1861	M	0.31			
		1862	M	0.40			
		1863	H	0.60			
			L	0.40			
		1864	H	0.70			
			L	0.60			
		1865	H	0.70			
			L	0.50			
		1866	M	0.40			
		1867	H	0.35			
			L	0.20			
		1868	H	0.30			
			L	0.20			
		1869	H	0.25			
			L	0.15			
		1870	H	0.25			
			L	0.15			
		1871	H	0.25			
			L	0.15			
		1872	H	0.25			
			L	0.15			
		1873	H	0.25			
			L	0.15			
		1874	H	0.25			
			L	0.15			
		1875	H	0.25			
			L	0.15			
		1876	H	0.25			
			L	0.15			
		1877	H	0.25			
			L	0.15			
		1878	H	0.20			
			L	0.15			
		1879	H	0.20			
			L	0.15			
		1880	H	0.20			
			L	0.15			
Foreign Countries.							
England, . . . .	yd.	1873	H	0.24			
			L	0.21			
		1878	H	0.24			
			L	0.20			
West Indies, . .	yd.	1881	H	1.00			
			L	0.75			
Overcoats.							
United States.							
Iowa, . . . .	each	1885	H	24.00			
			mh	14.00			
			M	7.00			
			ml	6.00			
			L	2.50			
Massachusetts,	each	1857	H	20.00			
			M	12.50			
ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices
CLOTHING, ETC. — Con.							
Overcoats — Con.							
United States—Con.							
Massachusetts,	each	1857	L	\$5.64			
			M	5.50			
		1858	H	12.00			
		1891	mh	10.00			
			M	8.00			
			ml	7.00			
			L	5.00			
Missouri, . . . .	each	1889	H	20.00			
			mh	10.00			
			M	7.00			
			ml	3.50			
			L	2.00			
Wisconsin, . . . .	each	1824	M	20.00			
		1830	H	25.00			
			L	13.00			
		1881	H	25.00			
			L	12.50			
		1882	H	22.00			
			L	12.00			
		1883	H	22.00			
			L	10.00			
		1884	M	8.00			
Foreign Countries.							
England, . . . .	each	1883	H	9.73			
			L	7.29			
Pantaloons.							
United States.							
Illinois, . . . .	pair	1885	H	6.00			
			L	2.50			
Iowa, . . . .	pair	1885	H	7.00			
			M	5.00			
			L	2.00			
Maryland, . . . .	pair	1885	H	6.00			
			L	2.00			
Massachusetts,	pair	1838	M	10.00			
		1855	H	4.31			
			M	3.65			
			L	2.65			
		1857	H	4.47			
			mh	3.63			
			M	2.32			
			L	0.85			
		1858	H	4.03			
			M	2.07			
			L	0.74			
		1859	H	4.02			
			M	2.34			
			L	1.47			
		1885	H	7.00			
			L	2.50			
		1891	H	5.00			
			mh	4.00			
			M	2.50			
			ml	1.50			
			L	0.50			
Missouri, . . . .	pair	1889	H	7.50			
			mh	6.00			
			M	5.00			
			ml	2.50			
			L	1.00			
Wisconsin, . . . .	pair	1880	H	8.00			
			L	2.25			
		1881	H	8.00			
			M	6.00			
			L	2.25			

GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
CLOTHING, ETC. — Con.					CLOTHING, ETC. — Con.				
Pantaloons — Con.					Satinets — Con.				
United States-Con.					United States-Con.				
Wisconsin, . . . pair	1882	H		\$7.50	Illinois, . . . yd.	1861	L		\$0.50
		M		5.50		1862	H		1.50
		L		2.00			M		1.00
	1883	H		7.00			L		0.75
		M		5.00		1863	H		1.00
		L		1.75			L		0.50
	1884	H		6.50		1864	H		1.50
		M		4.50			L		1.00
		L		1.50		1865	H		1.75
							M		1.25
Foreign Countries.							L		0.90
England, . . . pair	1885	H		2.07		1866	H		1.00
		L		0.61			M		0.80
Scotland, . . . pair	1879	M		4.50			L		0.75
						1867	H		0.85
							M		0.75
Satinets.							L		0.60
United States.						1868	H		1.00
Connecticut, . . yd.	1860	H		0.75			M		0.75
		L		0.62			L		0.50
	1861	M		0.75		1869	H		1.00
	1862	M		1.00			M		0.75
	1863	M		1.25			ml		0.65
	1864	H		1.33			L		0.50
		L		1.25		1870	H		1.00
	1865	M		1.33			mh		0.90
	1866	M		1.30			M		0.75
	1867	H		1.00			ml		0.60
		L		0.75			L		0.50
	1868	H		0.90		1871	H		0.90
		L		0.75			M		0.75
	1869	H		0.90			L		0.60
		L		0.75		1872	H		0.90
	1870	M		0.75			M		0.75
	1871	H		0.75			L		0.60
		L		0.60		1873	H		0.90
	1872	H		0.62			mh		0.85
		L		0.60			M		0.75
	1873	M		0.62			L		0.50
	1874	H		0.70		1874	H		0.90
		L		0.58			M		0.75
	1875	M		0.60			L		0.45
	1876	H		0.60		1875	H		0.90
		L		0.55			M		0.75
	1877	H		0.60			L		0.45
		L		0.50		1876	H		0.90
	1878	M		0.50			mh		0.80
	1879	H		0.58			M		0.75
		L		0.48			L		0.45
	1880	H		0.60		1877	H		0.85
		L		0.50			mh		0.80
Illinois, . . . yd.	1851	H		0.60			M		0.75
		L		0.50			L		0.45
	1852	M		0.60		1878	H		0.85
	1853	M		0.60			M		0.75
	1854	M		0.50			L		0.40
	1855	M		0.50		1879	H		0.80
	1856	H		0.65			M		0.75
		L		0.50			L		0.40
	1857	H		0.75		1880	H		0.75
		L		0.50			M		0.50
	1858	M		0.50			L		0.45
	1859	M		0.50	Indiana, . . . yd.	1851	H		0.75
	1860	H		0.75			M		0.70
		L		0.50			L		0.50
	1861	H		0.80		1852	H		0.75
		M		0.65			M		0.70
							L		0.50



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CLOTHING, ETC.</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Satinets — Con.</b>					<b>Satinets — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Indiana, . . . yd.	1853	H		\$0.75	Indiana, . . . yd.	1872	L		\$0.40
		M		0.70		1873	H		1.00
		L		0.50			mh		0.90
	1854	H		0.75			M		0.75
		M		0.70			ml		0.65
		L		0.50			L		0.40
	1855	H		0.75		1874	H		0.90
		M		0.70			mh		0.75
		L		0.50			M		0.65
	1856	H		0.75			L		0.40
		M		0.60		1875	H		0.90
		L		0.50			mh		0.75
	1857	H		0.75			M		0.65
		M		0.60			ml		0.50
		L		0.50			L		0.35
	1858	H		0.75		1876	H		0.90
		M		0.60			mh		0.75
		L		0.50			M		0.65
	1859	H		1.00			ml		0.50
		M		0.75			L		0.35
		L		0.50		1877	H		0.80
	1860	H		1.00			M		0.65
		M		0.75			ml		0.50
		L		0.50			L		0.35
	1861	H		1.00		1878	H		0.80
		M		0.75			M		0.60
		ml		0.65			ml		0.50
		L		0.50			L		0.35
	1862	H		1.25		1879	H		0.80
		mh		1.00			M		0.60
		M		0.90			ml		0.50
		ml		0.75			L		0.35
		L		0.60		1880	H		0.80
	1863	H		1.25			M		0.60
		M		1.00			ml		0.50
		L		0.90			L		0.35
	1864	H		2.00	Iowa, . . . yd.	1867	M		1.25
		mh		1.75		1868	M		1.25
		M		1.50		1869	M		1.25
		ml		1.25		1870	M		1.25
		L		0.90		1871	M		1.20
	1865	H		1.50		1872	M		1.20
		mh		1.40		1873	M		1.15
		M		1.00		1874	M		1.10
		L		0.80		1875	M		1.10
	1866	H		1.25		1876	M		1.00
		M		1.00		1877	M		1.00
		L		0.80		1878	M		0.95
	1867	H		1.00		1879	M		0.90
		M		0.90		1880	M		0.90
		L		0.80	Massachusetts, . yd.	1880	H		0.77
	1868	H		1.00			L		0.54
		M		0.80		1832	M		0.79
		L		0.60		1835	M		0.75
	1869	H		1.00		1840	M		0.66
		M		0.80		1841	M		0.83
		L		0.60		1846	M		0.75
	1870	H		1.00		1851	M		0.12
		M		0.75		1852	M		0.13
		L		0.50		1853	M		0.14
	1871	H		1.00		1854	M		0.12
		mh		0.90		1855	H		0.42
		M		0.75			L		0.14
		ml		0.60		1856	M		0.14
		L		0.40		1857	M		0.16
	1872	H		1.00		1858	M		0.16
		mh		0.90		1859	H		0.50
		M		0.75			L		0.20
		ml		0.60		1860	M		0.40

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices
CLOTHING, ETC. — Con.					CLOTHING, ETC. — Con.				
Satinets — Con.					Satinets — Con.				
United States—Con.					United States—Con.				
Massachusetts, . . . yd.	1861	M	\$0.40		Ohio, . . . yd.	1855	M	\$0.40	
	1862	M	0.75				L	0.25	
	1863	M	0.75			1856	H	0.80	
Missouri, . . . yd.	1858	M	0.75				M	0.40	
	1859	M	0.75				L	0.25	
	1860	M	0.75			1857	H	0.80	
	1861	M	0.75				M	0.40	
	1862	M	1.00				L	0.25	
	1863	M	1.50			1858	H	0.80	
	1864	M	1.60				M	0.40	
	1865	M	1.50				L	0.25	
	1866	M	1.00			1859	H	0.80	
	1867	M	1.00				M	0.40	
	1868	M	1.00				L	0.25	
	1869	M	1.00			1860	H	0.80	
	1870	M	1.00				M	0.40	
	1871	H	0.80				L	0.25	
		L	0.60			1861	H	0.80	
	1872	H	0.75				M	0.40	
		L	0.55				L	0.30	
	1873	H	0.75			1862	H	1.00	
		L	0.55				mh	0.90	
	1874	H	0.60				M	0.80	
		L	0.55				ml	0.60	
	1875	H	0.60				L	0.40	
		L	0.55			1863	H	2.00	
	1876	H	0.55				M	1.25	
		L	0.50				ml	1.00	
	1877	H	0.55				L	0.85	
		L	0.50			1864	H	1.75	
	1878	H	0.55				mh	1.50	
		L	0.50				M	1.25	
	1879	H	0.55				L	0.85	
		L	0.50			1865	H	1.50	
	1880	H	0.55				mh	1.25	
		L	0.50				M	1.00	
New Jersey, . . . yd.	1867	M	1.00				L	0.65	
	1869	M	0.65			1866	H	1.50	
	1874	M	0.65				mh	1.25	
New York, . . . yd.	1851	M	0.75				M	1.00	
	1852	M	0.75				L	0.60	
	1853	M	0.75			1867	H	1.50	
	1854	M	0.75				mh	1.25	
	1855	M	0.75				M	1.00	
	1856	M	0.62 $\frac{1}{2}$				ml	0.75	
	1857	M	0.50					0.60	
	1858	M	0.62 $\frac{1}{2}$			1868	H	1.00	
	1859	M	0.62 $\frac{1}{2}$				M	0.80	
	1860	M	0.62 $\frac{1}{2}$				L	0.60	
	1861	M	0.62 $\frac{1}{2}$			1869	H	1.00	
	1862	M	0.75				mh	0.90	
	1863	M	1.00				M	0.75	
	1864	M	1.12 $\frac{1}{2}$				L	0.60	
	1867	M	0.77			1870	H	1.00	
	1869	M	0.67				mh	0.90	
	1874	M	0.80 $\frac{1}{2}$				M	0.70	
Ohio, . . . yd.	1851	H	0.80				ml	0.60	
		M	0.40				L	0.50	
		L	0.25			1871	H	1.40	
	1852	H	0.80				mh	1.25	
		M	0.40				M	1.00	
		L	0.25				ml	0.75	
	1853	H	0.75				L	0.50	
		M	0.40			1872	H	1.25	
		L	0.25				mh	1.00	
	1854	H	0.75				M	0.75	
		M	0.40				ml	0.60	
		L	0.25				L	0.45	
	1855	H	0.75			1873	H	1.25	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CLOTHING, ETC.</b> —Con.					<b>CLOTHING, ETC.</b> —Con.				
<b>Satinets—Con.</b>					<b>Satinets—Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Ohio, . . . yd.		1873	mh	\$1.00	Pennsylvania, . . yd.		1865	L	\$1.00
			M	0.75			1866	H	1.50
			ml	0.60				M	1.00
			L	0.37½				L	0.85
		1874	H	1.10			1867	H	1.40
			mh	0.90				M	1.00
			M	0.75				L	0.62
			ml	0.60			1868	H	1.25
			L	0.37½				M	1.00
		1875	H	1.10				L	0.60
			mh	0.85			1869	H	1.25
			M	0.75				M	0.90
			ml	0.60				L	0.60
			L	0.37½			1870	H	1.25
		1876	H	1.00				M	0.75
			mh	0.90				L	0.55
			M	0.75			1871	H	1.10
			ml	0.60				L	0.75
			L	0.37½			1872	H	1.00
		1877	H	1.00				L	0.75
			mh	0.90			1873	H	1.00
			M	0.75				L	0.75
			ml	0.60			1874	H	1.00
			L	0.37½				M	0.75
		1878	H	1.00				L	0.58
			mh	0.90			1875	H	0.90
			M	0.75				M	0.75
			ml	0.55				ml	0.65
			L	0.35				L	0.54
		1879	H	1.00			1876	H	0.90
			mh	0.90				M	0.75
			M	0.75				L	0.60
			ml	0.55			1877	H	0.85
			L	0.30				M	0.75
		1880	H	1.00				L	0.60
			mh	0.80			1878	H	0.85
			M	0.65				M	0.75
			ml	0.40				L	0.50
			L	0.25			1879	H	0.80
Pennsylvania, . . yd.		1851	H	1.25				L	0.50
			L	0.50			1880	H	0.75
		1852	H	1.25				L	0.60
			L	0.50	Tennessee, . . yd.		1874	M	0.75
		1853	H	1.25			1875	M	0.75
			L	0.50			1876	M	1.00
		1854	H	1.25			1877	M	1.00
			L	0.50			1878	M	1.00
		1855	H	1.25			1879	M	1.00
			L	0.50			1880	M	1.00
		1856	H	1.25	West Virginia, . yd.		1851	H	0.75
			L	0.50				L	0.11
		1857	H	1.12½			1852	H	0.75
			L	0.50				L	0.11
		1858	H	1.12½			1853	H	0.75
			L	0.50				L	0.11
		1859	H	1.00			1854	H	0.75
			L	0.50				L	0.11
		1860	H	1.00			1855	H	0.75
			L	0.50				L	0.11
		1861	H	1.00			1856	H	0.75
			M	0.60				L	0.11
			L	0.50			1857	H	0.75
		1862	H	1.25				L	0.11
			L	0.60			1858	H	0.75
		1863	H	1.37½				L	0.11
			L	0.75			1859	H	0.75
		1864	H	1.50				L	0.11
			L	1.25			1860	H	0.75
		1865	H	1.40				L	0.11

GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices
CLOTHING, ETC. — Con.							
Satinets— Con.							
United States— Con.							
West Virginia,	yd.	1861	H	\$1.00			
			L	0.25			
		1862	H	1.25			
			L	0.40			
		1863	H	1.25			
			L	0.50			
		1864	H	1.50			
			L	0.60			
		1865	H	1.50			
			L	0.60			
		1866	H	1.25			
			L	0.30			
		1867	H	1.25			
			L	0.18			
		1868	H	1.00			
			L	0.18			
		1869	H	1.00			
			L	0.15			
		1870	H	1.00			
			L	0.15			
		1871	H	1.00			
			L	0.15			
		1872	H	1.00			
			L	0.15			
		1873	H	1.00			
			L	0.15			
		1874	H	1.00			
			L	0.15			
		1875	H	1.00			
			L	0.16			
		1876	H	0.80			
			L	0.16			
		1877	H	0.75			
			L	0.16			
		1878	H	0.75			
			L	0.15			
		1879	H	0.75			
			L	0.15			
		1880	H	0.75			
			L	0.15			
Sheeting (BLEACHED).							
United States.							
Connecticut, . . .	yd.	1864	M	0.56			
		1865	M	0.45			
		1866	M	0.37			
		1867	M	0.32			
		1868	M	0.27			
		1869	H	0.28			
			L	0.25			
		1870	H	0.28			
			L	0.25			
		1871	M	0.24			
		1872	M	0.25			
		1873	H	0.25			
			L	0.23			
		1874	H	0.55			
			mh	0.45			
			M	0.35			
			ml	0.25			
			L	0.12			
		1875	H	0.45			
			mh	0.36			
			M	0.22			
			ml	0.16			
			L	0.11			
		1876	M	0.18			



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CLOTHING, ETC.</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Sheeting</b> (BLEACHED)— Con.					<b>Sheeting</b> (BLEACHED)— Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Illinois, . . . yd.	1877	L	\$0.13½		Indiana, . . . yd.	1867	M	\$0.65	
	1878	H	0.40			ml	0.33		
		M	0.16			L	0.22		
		L	0.12½			H	0.65		
	1879	H	0.35½			M	0.28		
		M	0.16			L	0.22		
		L	0.12½			1869	H	0.60	
	1880	H	0.35			mh	0.50		
		mh	0.28			M	0.23		
		M	0.16			L	0.18		
		L	0.12½			1870	H	0.50	
Indiana, . . . yd.	1851	H	0.40			L	0.16		
		M	0.30			1871	H	0.50	
		ml	0.16½			M	0.35		
		L	0.11			L	0.14		
	1852	H	0.40			1872	H	0.50	
		M	0.30			M	0.35		
		ml	0.16½			L	0.14		
		L	0.11			1873	H	0.50	
	1853	H	0.35			M	0.35		
		mh	0.30			L	0.12		
		M	0.16½			1874	H	0.45	
		L	0.11			M	0.35		
	1854	H	0.35			L	0.12½		
		mh	0.30			1875	H	0.45	
		M	0.16½			M	0.35		
		L	0.10½			ml	0.15		
	1855	H	0.35			L	0.11½		
		mh	0.30			1876	H	0.40	
		M	0.16½			M	0.30		
		L	0.10½			ml	0.15		
	1856	H	0.35			L	0.11		
		mh	0.28			1877	H	0.40	
		M	0.16½			M	0.30		
		L	0.10			ml	0.15		
	1857	H	0.30			L	0.10		
		M	0.16½			1878	H	0.35	
		L	0.10			M	0.30		
	1858	H	0.30			ml	0.15		
		M	0.15			L	0.10		
		L	0.09½			1879	H	0.30	
	1859	H	0.30			M	0.15		
		M	0.15			ml	0.12½		
		L	0.09½			L	0.10		
	1860	H	0.30			1880	H	0.35	
		M	0.15			M	0.15		
		L	0.09½			L	0.10		
	1861	H	0.35		Iowa, . . . yd.	1867	M	0.22	
		M	0.16			1868	M	0.20	
		L	0.10½			1869	M	0.20	
	1862	H	0.65			1870	M	0.20	
		mh	0.50			1871	M	0.20	
		M	0.23			1872	M	0.20	
		L	0.17			1873	M	0.19	
	1863	H	0.95			1874	M	0.17	
		M	0.60			1875	M	0.17	
		ml	0.38			1876	M	0.14	
		L	0.32			1877	M	0.12	
	1864	H	1.00			1878	M	0.12	
		M	0.90			1879	M	0.12	
		L	0.55			1880	M	0.12	
	1865	H	0.87½			1887	H	0.20	
		L	0.40			mh	0.16		
	1866	H	0.90			M	0.14		
		mh	0.80			ml	0.10½		
		M	0.40			L	0.07½		
		L	0.27		Kansas, . . . yd.	1871	M	0.20	
	1867	H	0.80			1872	M	0.20	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices
<b>CLOTHING, ETC.</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Sheeting</b> (BLEACHED)—Con.					<b>Sheeting</b> (BLEACHED)—Con.				
<i>United States</i> —Con.					<i>United States</i> —Con.				
Kansas, . . . yd.	1873	M		\$0.20	New Jersey, . . . yd.	1855	M		\$0.20 $\frac{1}{2}$
	1874	M		0.18		1856	M		0.20 $\frac{1}{2}$
	1875	M		0.18		1857	M		0.20 $\frac{1}{2}$
	1876	M		0.16		1858	M		0.20 $\frac{1}{2}$
	1877	M		0.15		1859	M		0.20 $\frac{1}{2}$
	1878	M		0.15		1860	M		0.20 $\frac{1}{2}$
	1879	M		0.15		1861	M		0.20 $\frac{1}{2}$
	1880	M		0.15		1862	M		0.26
Massachusetts, . yd.	1851	M		0.12		1863	M		0.41 $\frac{1}{2}$
	1852	M		0.12		1864	M		0.90
	1853	M		0.12		1865	M		0.58 $\frac{1}{2}$
	1854	M		0.11		1866	H		1.10
	1855	M		0.12			L		0.54
	1856	M		0.12		1867	H		0.95
	1857	M		0.12			M		0.51
	1858	M		0.11			L		0.32
	1859	M		0.11		1868	H		0.55
	1860	M		0.14			L		0.35
	1861	M		0.16		1869	H		0.58
	1862	M		0.45			L		0.28
	1863	M		0.50		1870	H		0.75
	1864	M		0.35			L		0.30
	1865	M		0.40		1871	H		0.50
	1866	M		0.38			L		0.27
	1867	M		0.38		1872	H		0.50
	1868	M		0.38			L		0.27
	1869	M		0.30		1873	H		0.50
	1870	M		0.30			L		0.24 $\frac{1}{2}$
	1871	M		0.30		1874	H		0.48
	1872	M		0.26			M		0.24
	1873	M		0.24			L		0.16
	1874	M		0.22		1875	H		0.42
	1875	M		0.21			L		0.20 $\frac{1}{2}$
	1876	M		0.17		1876	H		0.38
	1877	M		0.16			L		0.19
	1878	M		0.14		1877	H		0.28
	1879	M		0.12			L		0.17
	1880	H		0.35		1878	H		0.28
		mh		0.28			M		0.22
		M		0.20			L		0.20
		ml		0.12 $\frac{1}{2}$		1879	H		0.28
		L		0.05			M		0.25
	1885	H		0.35			ml		0.22
		mh		0.27 $\frac{1}{2}$			L		0.20
		M		0.20		1880	H		0.28
		ml		0.12 $\frac{1}{2}$			M		0.22
		L		0.05			L		0.20
	1891	H		0.37 $\frac{1}{2}$	New York, . . . yd.	1867	M		0.28
		mh		0.29		1869	H		0.50
		M		0.21			L		0.28
		ml		0.12 $\frac{1}{2}$		1870	M		0.45
		L		0.05		1871	M		0.45
Michigan, . . . yd.	1885	H		0.15		1872	M		0.45
		mh		0.12 $\frac{1}{2}$		1873	M		0.43
		M		0.11		1874	H		0.40
		ml		0.09			L		0.20 $\frac{3}{4}$
		L		0.07		1875	M		0.38
Missouri, . . . yd.	1865	M		0.45		1876	M		0.37
	1866	M		0.50		1877	M		0.37
	1870	M		0.16 $\frac{3}{4}$		1878	M		0.36
	1871	M		0.12 $\frac{3}{4}$		1879	M		0.35
	1872	M		0.16 $\frac{3}{4}$		1880	M		0.35
	1880	H		0.10	Ohio, . . . yd.	1851	H		0.33
		L		0.06			mh		0.25
New Jersey, . . yd.	1851	M		0.18			M		0.18
	1852	M		0.18			ml		0.15
	1853	M		0.18			L		0.13
	1854	M		0.20 $\frac{1}{4}$		1852	H		0.30

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>CLOTHING, ETC.</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Sheeting</b> (BLEACHED)—Con.					<b>Sheeting</b> (BLEACHED)—Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Ohio, . . . . . yd.		1852	mh	\$0.25	Ohio, . . . . . yd.		1870	<b>M</b>	\$0.32 $\frac{1}{2}$
			M	0.18				<b>L</b>	0.20
			ml	0.15			1871	<b>H</b>	0.62 $\frac{1}{2}$
			<b>L</b>	0.13				<b>L</b>	0.16
		1853	<b>H</b>	0.30			1872	<b>H</b>	0.62 $\frac{1}{2}$
			mh	0.25				<b>L</b>	0.15
			M	0.18			1873	<b>H</b>	0.55
			ml	0.15				<b>L</b>	0.14
			<b>L</b>	0.13			1874	<b>H</b>	0.50
		1854	<b>H</b>	0.33				<b>L</b>	0.14
			mh	0.25			1875	<b>H</b>	0.45
			M	0.18				<b>L</b>	0.12 $\frac{1}{2}$
			ml	0.15			1876	<b>H</b>	0.38
			<b>L</b>	0.13				<b>L</b>	0.12
		1855	<b>H</b>	0.30			1877	<b>H</b>	0.35
			mh	0.25				<b>M</b>	0.17
			M	0.18				<b>L</b>	0.12
			ml	0.15			1878	<b>H</b>	0.35
			<b>L</b>	0.13				mh	0.30
		1856	<b>H</b>	0.30				<b>M</b>	0.17
			mh	0.25				<b>L</b>	0.11
			M	0.18			1879	<b>H</b>	0.37
			ml	0.15				mh	0.32
			<b>L</b>	0.13				<b>M</b>	0.17
		1857	<b>H</b>	0.30				<b>L</b>	0.12
			mh	0.25			1880	<b>H</b>	0.35
			M	0.18				mh	0.32
			ml	0.15				<b>M</b>	0.17
			<b>L</b>	0.13				<b>L</b>	0.12
		1858	<b>H</b>	0.30			1887	<b>H</b>	0.25
			mh	0.25				mh	0.20
			M	0.18				<b>M</b>	0.17
			ml	0.15				<b>L</b>	0.12 $\frac{1}{2}$
			<b>L</b>	0.13				<b>L</b>	0.08
		1859	<b>H</b>	0.33	Pennsylvania, . . yd.		1851	<b>H</b>	0.16 $\frac{3}{8}$
			<b>M</b>	0.25				<b>L</b>	0.14
			<b>L</b>	0.13			1852	<b>H</b>	0.16 $\frac{3}{8}$
		1860	<b>H</b>	0.33				<b>L</b>	0.14
			mh	0.25			1853	<b>H</b>	0.17
			M	0.18				<b>L</b>	0.14
			ml	0.15			1854	<b>H</b>	0.18
			<b>L</b>	0.13				<b>L</b>	0.14
		1861	<b>H</b>	0.35			1855	<b>H</b>	0.18
			M	0.27 $\frac{1}{2}$				<b>L</b>	0.14
			ml	0.20			1856	<b>H</b>	0.17
			<b>L</b>	0.15				<b>L</b>	0.14
		1862	<b>H</b>	1.35			1857	<b>H</b>	0.17
			<b>L</b>	0.22				<b>L</b>	0.14
		1863	<b>H</b>	1.75			1858	<b>H</b>	0.17
			M	0.55				<b>L</b>	0.14
			<b>L</b>	0.30			1859	<b>H</b>	0.17
		1864	<b>H</b>	1.70				<b>L</b>	0.14
			M	0.80			1860	<b>H</b>	0.17
			<b>L</b>	0.40				<b>L</b>	0.14
		1865	<b>H</b>	1.85			1861	<b>H</b>	0.35
			M	0.70				<b>M</b>	0.20
			<b>L</b>	0.42 $\frac{1}{2}$				<b>L</b>	0.16
		1866	<b>H</b>	1.38			1862	<b>H</b>	0.35
			M	0.55				<b>M</b>	0.28
			<b>L</b>	0.35				<b>L</b>	0.20
		1867	<b>H</b>	1.05			1863	<b>H</b>	0.75
			<b>L</b>	0.30				<b>M</b>	0.50
		1868	<b>H</b>	0.90				<b>L</b>	0.40
			<b>L</b>	0.30			1864	<b>H</b>	1.10
		1869	<b>H</b>	0.85				<b>M</b>	0.85
			M	0.35				<b>L</b>	0.60
			<b>L</b>	0.22			1865	<b>H</b>	0.75
		1870	<b>H</b>	0.75				<b>L</b>	0.60

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CLOTHING, ETC.</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Sheeting</b> (BLEACHED)—Con.					<b>Sheeting</b> (BLEACHED)—Con.				
<i>United States</i> —Con.					<i>United States</i> —Con.				
Pennsylvania, . . . yd.	1866	H	\$0.70	West Virginia, . . . yd.	1868	H	\$0.35		
		M	0.55			L	0.25		
		L	0.45			H	0.30		
	1867	H	0.60			L	0.18		
		M	0.50			H	0.30		
		L	0.35			L	0.18		
	1868	H	0.55			H	0.22		
		M	0.40			L	0.12		
		L	0.35			H	0.15		
	1869	H	0.50			L	0.12		
		M	0.34			H	0.15		
		L	0.31			L	0.12		
	1870	H	0.48			H	0.15		
		M	0.30			L	0.12		
		L	0.25			H	0.15		
	1871	H	0.25			L	0.12		
		L	0.10			M	0.12 $\frac{1}{2}$		
	1872	H	0.23			1877	M	0.12 $\frac{1}{2}$	
		L	0.10			1878	M	0.12 $\frac{1}{2}$	
	1873	H	0.23			1879	M	0.12 $\frac{1}{2}$	
		L	0.10			1880	M	0.12 $\frac{1}{2}$	
	1874	H	0.21						
		L	0.10						
	1875	H	0.20		<i>Foreign Countries.</i>				
		M	0.15		England, . . . yd.	1873	H	0.24	
		L	0.09				L	0.17	
	1876	H	0.18			1878	H	0.45	
		L	0.09				M	0.20	
	1877	H	0.18				ml	0.15	
		L	0.09				L	0.06	
	1878	H	0.16			1882	H	0.45	
		L	0.09				L	0.20	
	1879	H	0.15			1883	H	0.17	
		L	0.09				L	0.09	
	1880	H	0.17						
		L	0.09		<b>Sheeting (UN- BLEACHED).</b>				
Tennessee, . . . yd.	1874	M	0.12 $\frac{1}{2}$		<i>United States.</i>				
West Virginia, . . yd.	1851	H	0.15		Connecticut, . . . yd.	1864	M	0.50	
		L	0.12			1865	M	0.40	
	1852	H	0.15			1866	M	0.31	
		L	0.12			1867	M	0.28	
	1853	H	0.15			1868	M	0.24	
		L	0.12			1869	M	0.20	
	1854	H	0.15			1870	H	0.20	
		L	0.12				L	0.12	
	1855	H	0.15			1871	H	0.20	
		L	0.12				L	0.14	
	1856	H	0.15			1872	H	0.22	
		L	0.12				L	0.18	
	1857	H	0.15			1873	H	0.22	
		L	0.12				L	0.17	
	1858	H	0.15			1874	H	0.50	
		L	0.12				mh	0.40	
	1859	H	0.15				M	0.30	
		L	0.12				ml	0.22	
	1860	H	0.15				L	0.12	
		L	0.12			1875	H	0.40	
	1861	H	0.20				mh	0.34	
		L	0.16				M	0.18	
	1862	M	0.35				L	0.09	
	1863	H	0.50			1876	H	0.15	
		L	0.45				L	0.12 $\frac{1}{2}$	
	1864	H	0.80			1877	H	0.15	
		L	0.50				L	0.10	
	1865	M	0.60			1878	H	0.12	
	1866	H	0.50				L	0.09	
		L	0.40						
	1867	M	0.40						



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
CLOTHING, ETC. — Con.					CLOTHING, ETC. — Con.				
Sheeting (UN- BLEACHED) — Con.					Sheeting (UN- BLEACHED) — Con.				
United States—Con.					United States—Con.				
Connecticut, . . . yd.	1879	H	\$0.12 $\frac{1}{2}$		Indiana, . . . yd.	1851	H	\$0.35	
		L	0.09				mb	0.28	
	1880	H	0.12 $\frac{1}{2}$				M	0.15	
		L	0.10				L	0.09 $\frac{1}{2}$	
Illinois, . . . yd.	1851	M	0.16			1852	H	0.35	
	1852	M	0.16				mh	0.28	
	1853	M	0.15				M	0.15	
	1854	M	0.15				L	0.09 $\frac{1}{2}$	
	1855	M	0.15			1853	H	0.30	
	1856	M	0.15				M	0.15	
	1857	M	0.15				L	0.09	
	1858	M	0.15			1854	H	0.30	
	1859	M	0.15				M	0.15	
	1860	M	0.15				L	0.09	
	1861	H	0.25			1855	H	0.30	
		M	0.20				M	0.15	
		L	0.17				L	0.09	
	1862	H	0.35			1856	H	0.30	
		L	0.20				M	0.15	
	1863	H	0.50				L	0.08 $\frac{1}{2}$	
		L	0.35			1857	H	0.28	
	1864	H	0.65				M	0.15	
		M	0.50				L	0.08 $\frac{1}{2}$	
		L	0.35			1858	H	0.28	
	1865	H	0.75				M	0.15	
		M	0.60				L	0.08	
		L	0.30			1859	H	0.28	
	1866	H	0.50				M	0.15	
		L	0.22				L	0.08	
	1867	H	0.35			1860	H	0.28	
		L	0.19				M	0.15	
	1868	H	0.30				L	0.07 $\frac{1}{2}$	
		M	0.20			1861	H	0.30	
		L	0.15				M	0.25	
	1869	H	0.50				L	0.10 $\frac{1}{2}$	
		M	0.30			1862	H	0.60	
		ml	0.20				mh	0.45	
		L	0.15				M	0.25	
	1870	H	0.45				L	0.16	
		M	0.20			1863	H	0.90	
		L	0.14				M	0.53	
	1871	H	0.45				L	0.25	
		mh	0.40			1864	H	1.00	
		M	0.20				mh	0.75	
		L	0.15				M	0.68	
	1872	H	0.20				ml	0.50	
		L	0.15				L	0.25	
	1873	H	0.40			1865	H	0.85	
		L	0.15				mh	0.72	
	1874	H	0.40				M	0.53	
		M	0.20				ml	0.35	
		L	0.12 $\frac{1}{2}$				L	0.25	
	1875	H	0.40			1866	H	0.90	
		L	0.12 $\frac{1}{2}$				mh	0.60	
	1876	H	0.40				M	0.43	
		L	0.12 $\frac{1}{2}$				L	0.22	
	1877	H	0.37 $\frac{1}{2}$			1867	H	0.80	
		L	0.11 $\frac{1}{2}$				M	0.50	
	1878	H	0.35				ml	0.38	
		M	0.16				L	0.20	
		L	0.10			1868	H	0.65	
	1879	H	0.30				L	0.20	
		M	0.15			1869	H	0.55	
		L	0.10				mh	0.37 $\frac{1}{2}$	
	1880	H	0.30				M	0.25	
		mh	0.25				L	0.17	
		M	0.15			1870	H	0.45	
		L	0.10				mh	0.35	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
CLOTHING, ETC. — Con.					CLOTHING, ETC. — Con.				
Sheeting (UN- BLEACHED)—Con.					Sheeting (UN- BLEACHED)—Con.				
United States-Con.					United States-Con.				
Indiana, . . . yd.		1870	M	\$0.25	Massachusetts, . yd.		1862	M	\$0.40
			L	0.18			1863	M	0.45
		1871	H	0.40			1864	M	0.40
			mh	0.30			1865	M	0.45
			M	0.18			1866	M	0.40
			L	0.12½			1867	M	0.40
		1872	H	0.45			1868	M	0.40
			M	0.30			1869	M	0.35
			L	0.12½			1870	M	0.35
		1873	H	0.45			1871	M	0.30
			M	0.30			1872	M	0.25
			L	0.12½			1873	M	0.23
		1874	H	0.40			1874	M	0.21
			M	0.30			1875	M	0.20
			L	0.11			1876	M	0.16
		1875	H	0.40			1877	M	0.15
			M	0.30			1878	M	0.14
			ml	0.15			1879	M	0.13
			L	0.09			1880	H	0.40
		1876	H	0.35				mh	0.32
			mh	0.30				M	0.23
			M	0.15				ml	0.12½
			L	0.09				L	0.05
		1877	H	0.35			1885	H	0.30
			M	0.25				mh	0.24
			ml	0.15				M	0.18
			L	0.08				ml	0.12
		1878	H	0.30				L	0.05
			mh	0.25			1891	H	0.30
			M	0.15				mh	0.23
			L	0.08				M	0.17
		1879	H	0.27				ml	0.10
			M	0.15				L	0.04
			L	0.08				H	0.13½
		1880	H	0.32	Michigan, . . yd.		1885	H	0.13½
			mh	0.25				mh	0.12½
			M	0.15				M	0.10
			L	0.09				ml	0.08½
Iowa, . . . yd.		1867	M	0.20				L	0.06½
		1868	M	0.18	Missouri, . . yd.		1851	M	0.18
		1869	M	0.18			1864	M	0.80
		1870	M	0.18			1867	M	0.22
		1871	M	0.18			1869	M	0.18
		1872	M	0.18			1870	M	0.16½
		1873	M	0.17			1871	M	0.14
		1874	M	0.15			1872	M	0.16½
		1875	M	0.15			1873	M	0.15½
		1876	M	0.12			1874	M	0.12½
		1877	M	0.10			1875	M	0.12
		1878	M	0.10			1876	M	0.10
		1879	M	0.09			1877	M	0.09½
		1880	M	0.09			1878	M	0.08½
		1887	H	0.13			1879	M	0.10
			mh	0.11½			1880	M	0.09
			M	0.09½			1889	H	0.08
			ml	0.07½				L	0.05
			L	0.06	New Jersey, . . yd.		1851	M	0.09
Massachusetts, . yd.		1851	M	0.13			1852	M	0.10
		1852	M	0.13			1853	M	0.11½
		1853	M	0.12½			1854	M	0.11½
		1854	M	0.12½			1855	M	0.10½
		1855	M	0.12			1856	M	0.10
		1856	M	0.13			1857	M	0.12
		1857	M	0.13			1858	M	0.11½
		1858	M	0.12			1859	M	0.12
		1859	M	0.12			1860	M	0.12
		1860	M	0.13			1861	M	0.12
		1861	M	0.15			1862	M	0.22½
							1863	M	0.42½

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CLOTHING, ETC.</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Sheeting (UN- BLEACHED) — Con.</b>					<b>Sheeting (UN- BLEACHED) — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
New Jersey, . . . yd.		1864	M	\$0.84	Ohio, . . . yd.		1856	H	\$0.30
		1865	M	0.42				M	0.20
		1866	H	0.75				L	0.12
			L	0.31½			1857	H	0.30
		1867	H	0.60				M	0.20
			L	0.24½				L	0.12
		1868	H	0.38			1858	H	0.30
			L	0.22½				M	0.20
		1869	H	0.30				L	0.12
			L	0.21			1859	H	0.29
		1870	H	0.35				M	0.20
			L	0.20½				L	0.12
		1871	H	0.25			1860	H	0.25
			L	0.18				M	0.20
		1872	H	0.35				L	0.12½
			L	0.18			1861	H	0.35
		1873	H	0.48				M	0.25
			L	0.17				ml	0.18
		1874	H	0.45				L	0.12
			L	0.15			1862	H	1.25
		1875	H	0.31				M	0.35
			L	0.13½				ml	0.30
		1876	H	0.28				L	0.22
			L	0.11½			1863	H	1.55
		1877	H	0.28				M	0.50
			L	0.11½				ml	0.35
		1878	H	0.28				L	0.30
			mh	0.25			1864	H	1.60
			M	0.22½				M	0.75
			L	0.10				L	0.38
		1879	H	0.28			1865	H	1.75
			mh	0.25				M	0.65
			M	0.22½				ml	0.50
			L	0.11½				L	0.40
		1880	H	0.28			1866	H	1.25
			mh	0.25				M	0.50
			M	0.22½				ml	0.40
			L	0.11½				L	0.35
New York, . . . yd.		1867	M	0.26			1867	H	1.00
		1869	H	0.47				M	0.40
			L	0.21				L	0.30
		1870	M	0.44			1868	H	0.90
		1871	M	0.40				M	0.35
		1872	M	0.40				ml	0.30
		1873	M	0.38				L	0.25
		1874	H	0.37			1869	H	0.75
			L	0.18½				M	0.32½
		1875	M	0.36				L	0.22
		1876	M	0.35			1870	H	0.68
		1877	M	0.35				M	0.30
		1878	M	0.35				L	0.20
		1879	M	0.33			1871	H	0.55
		1880	M	0.33				M	0.18
Ohio, . . . yd.		1851	H	0.30				L	0.12½
			M	0.20			1872	H	0.55
			L	0.12				M	0.18
		1852	H	0.27½				L	0.12½
			M	0.20			1873	H	0.50
			L	0.12				M	0.16
		1853	H	0.27½				L	0.12½
			M	0.20			1874	H	0.45
			L	0.12				M	0.15
		1854	H	0.30				L	0.12½
			M	0.20			1875	H	0.40
			L	0.12				M	0.15
		1855	H	0.30				L	0.12
			M	0.20			1876	H	0.33
			L	0.12				M	0.15

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
CLOTHING, ETC. — Con.					CLOTHING, ETC. — Con.				
Sheeting (UN- BLEACHED)— Con.					Sheeting (UN- BLEACHED)— Con.				
United States—Con.					United States—Con.				
Ohio, . . . yd.	1876	L	\$0.10		Pennsylvania, . . yd.	1874	L	\$0.07	
	1877	H	0.30			1875	H	0.16	
		M	0.12 $\frac{1}{2}$				L	0.07	
		L	0.10			1876	H	0.15	
	1878	H	0.30				M	0.12 $\frac{1}{2}$	
		M	0.12 $\frac{1}{2}$				L	0.07	
		L	0.09			1877	H	0.14	
	1879	H	0.32				M	0.12 $\frac{1}{2}$	
		mh	0.28				L	0.07	
		M	0.12 $\frac{1}{2}$			1878	H	0.12 $\frac{1}{2}$	
		L	0.10				L	0.08	
	1880	H	0.30			1879	H	0.12 $\frac{1}{2}$	
		mh	0.27				M	0.10	
		M	0.12 $\frac{1}{2}$				L	0.08	
		L	0.10			1880	H	0.12 $\frac{1}{2}$	
	1887	H	0.25		West Virginia, . yd.	1851	H	0.12 $\frac{1}{2}$	
		mh	0.20				L	0.09	
		M	0.15			1852	H	0.12 $\frac{1}{2}$	
		ml	0.10				L	0.09	
Pennsylvania, . . yd.	1851	H	0.12			1853	H	0.12 $\frac{1}{2}$	
		L	0.10				L	0.09	
	1852	H	0.12			1854	H	0.12 $\frac{1}{2}$	
		L	0.10				L	0.09	
	1853	M	0.12 $\frac{1}{2}$			1855	H	0.12 $\frac{1}{2}$	
	1854	M	0.12 $\frac{1}{2}$				L	0.09	
	1855	M	0.12 $\frac{1}{2}$			1856	H	0.12 $\frac{1}{2}$	
	1856	M	0.12 $\frac{1}{2}$				L	0.09	
	1857	M	0.12 $\frac{1}{2}$			1857	H	0.12 $\frac{1}{2}$	
	1858	M	0.12 $\frac{1}{2}$				L	0.09	
	1859	M	0.12 $\frac{1}{2}$			1858	H	0.12 $\frac{1}{2}$	
	1860	M	0.12 $\frac{1}{2}$				L	0.09	
	1861	H	0.30			1859	H	0.12 $\frac{1}{2}$	
		L	0.14				L	0.09	
	1862	H	0.31			1860	H	0.12 $\frac{1}{2}$	
		M	0.25				L	0.08	
		L	0.18			1861	H	0.18	
	1863	H	0.75				L	0.15	
		M	0.45			1862	M	0.30	
		L	0.35			1863	H	0.45	
	1864	H	1.10				L	0.40	
		M	0.75			1864	H	0.75	
		L	0.55				L	0.50	
	1865	H	0.85			1865	M	0.50	
		M	0.60			1866	H	0.45	
		L	0.50				L	0.40	
	1866	H	0.70			1867	H	0.30	
		M	0.40				L	0.25	
		L	0.30			1868	M	0.25	
	1867	H	0.60			1869	M	0.18	
		M	0.35			1870	M	0.18	
		L	0.28			1871	H	0.15	
	1868	H	0.55				L	0.10	
		M	0.30			1872	H	0.14	
		L	0.25				L	0.10	
	1869	H	0.50			1873	H	0.14	
		M	0.28				L	0.10	
		L	0.25			1874	H	0.12 $\frac{1}{2}$	
	1870	H	0.48				L	0.10	
		L	0.20			1875	M	0.10	
	1871	H	0.20			1876	M	0.10	
		L	0.08			1877	M	0.10	
	1872	H	0.20			1878	M	0.10	
		L	0.08			1879	M	0.10	
	1873	H	0.20		Wisconsin, . . yd.	1880	M	0.10	
		M	0.17			1880	H	0.08	
		L	0.08				L	0.06 $\frac{1}{2}$	
	1874	H	0.17 $\frac{1}{2}$			1881	H	0.08 $\frac{1}{2}$	



GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.				Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.				Bas- sis	Year	Grade	Prices			
CLOTHING, ETC. — Con.											CLOTHING, ETC. — Con.							
Sheeting (UN- BLEACHED)—Con.											Shirting (BLEACHED)—Con.							
United States—Con.											United States—Con.							
Wisconsin,	yd.	1881	L	\$0.07				Illinois,	yd.	1851	H	\$0.14						
		1882	H	0.08½						1852	L	0.12						
			L	0.06½							L	0.14						
		1883	H	0.07½							L	0.12						
			L	0.06						1853	M	0.13						
		1884	H	0.07½						1854	M	0.12½						
			L	0.05½						1855	M	0.12½						
Foreign Countries.																		
England,	yd.	1873	H	0.18						1856	M	0.12½						
			L	0.14						1857	M	0.12½						
		1878	H	0.32						1858	H	0.15						
			M	0.18							L	0.12½						
			ml	0.12						1859	M	0.12½						
			L	0.06						1860	M	0.12½						
		1882	H	0.32						1861	H	0.33½						
			L	0.17							M	0.25						
		1883	H	0.11							L	0.15						
			L	0.08						1862	H	0.80						
Shirting (BLEACHED).																		
United States.																		
Connecticut,	yd.	1860	M	0.16							M	0.55						
		1861	M	0.13							ml	0.35						
		1862	M	0.16						1863	H	0.55						
		1863	M	0.37½							M	0.40						
		1864	H	0.60							ml	0.35						
			L	0.50							L	0.30						
		1865	H	0.67							H	0.60						
			L	0.42						1865	mh	0.50						
		1866	H	0.55							M	0.45						
			L	0.33							ml	0.40						
		1867	H	0.33							L	0.30						
			L	0.28						1866	H	0.50						
		1868	H	0.25							mh	0.40						
			L	0.22							M	0.35						
		1869	H	0.25							ml	0.25						
			M	0.22							L	0.20						
			L	0.18						1867	H	0.35						
		1870	M	0.20							mh	0.30						
		1871	H	0.22							M	0.25						
			M	0.18							L	0.17						
			L	0.16						1868	H	0.27						
		1872	H	0.20							mh	0.25						
			L	0.17							M	0.22						
		1873	H	0.20							ml	0.18						
			L	0.15½							L	0.15						
		1874	H	0.25						1869	H	0.25						
			mh	0.20							mb	0.22						
			M	0.16							M	0.20						
			ml	0.12							ml	0.17						
			L	0.07							L	0.15						
		1875	H	0.20							H	0.22						
			mh	0.17						1870	mh	0.20						
			M	0.14							M	0.18						
			ml	0.11							ml	0.16						
			L	0.08							L	0.12						
		1876	H	0.14							H	0.22						
			L	0.12						1871	M	0.18						
		1877	M	0.12½							L	0.12						
		1878	H	0.12							M	0.18						
			L	0.10						1872	H	0.22						
		1879	H	0.17							mh	0.20						
			M	0.12½							M	0.18						
			L	0.10							ml	0.16						
		1880	H	0.13						1873	L	0.14						
			L	0.11							H	0.20						
											M	0.16						

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
CLOTHING, ETC. — Con.					CLOTHING, ETC. — Con.				
Shirting (BLEACHED)—Con.					Shirting (BLEACHED)—Con.				
United States—Con.					United States—Con.				
Illinois, . . . . yd.		1873	L	\$0.12 $\frac{1}{2}$	Indiana, . . . . yd.		1866	H	\$0.66
		1874	H	0.20				mh	0.50
			M	0.16 $\frac{3}{4}$				M	0.40
			L	0.12 $\frac{1}{2}$				ml	0.35
		1875	H	0.18				L	0.25
			M	0.15			1867	H	0.50
			ml	0.13 $\frac{1}{2}$				mh	0.40
			L	0.12				M	0.35
		1876	H	0.15				ml	0.30
			M	0.13 $\frac{1}{2}$				L	0.22
			L	0.12			1868	H	0.55
		1877	M	0.13 $\frac{1}{2}$				mh	0.50
		1878	H	0.12				M	0.30
			L	0.10				ml	0.25
		1879	H	0.12 $\frac{1}{4}$				L	0.20
			L	0.10			1869	H	0.25
		1880	H	0.14				M	0.20
			M	0.12				L	0.16 $\frac{3}{4}$
			L	0.10			1870	H	0.25
Indiana, . . . . yd.		1851	H	0.15 $\frac{1}{2}$				M	0.20
			M	0.12 $\frac{1}{2}$				ml	0.15
			L	0.10				L	0.12 $\frac{1}{2}$
		1852	H	0.15			1871	H	0.15
			M	0.12 $\frac{1}{2}$				L	0.12 $\frac{1}{2}$
			L	0.10			1872	H	0.18
		1853	H	0.15				M	0.15
			M	0.12 $\frac{1}{2}$				L	0.12 $\frac{1}{2}$
			L	0.10			1873	H	0.16 $\frac{3}{4}$
		1854	H	0.15				L	0.12 $\frac{1}{2}$
			M	0.12 $\frac{1}{2}$			1874	H	0.15
			L	0.09 $\frac{1}{2}$				M	0.13
		1855	H	0.14				L	0.11
			M	0.12 $\frac{1}{2}$			1875	H	0.15
			L	0.09 $\frac{1}{2}$				M	0.12 $\frac{1}{2}$
		1856	H	0.12 $\frac{1}{2}$				L	0.10
			L	0.09			1876	H	0.15
		1857	H	0.12 $\frac{1}{2}$				M	0.12 $\frac{1}{2}$
			L	0.09				L	0.09
		1858	H	0.12 $\frac{1}{2}$			1877	H	0.12 $\frac{1}{2}$
			M	0.10				L	0.09
			L	0.08 $\frac{1}{2}$			1878	H	0.12 $\frac{1}{2}$
		1859	H	0.16 $\frac{3}{4}$				M	0.10
			M	0.12 $\frac{1}{2}$				L	0.08 $\frac{1}{2}$
			ml	0.10			1879	H	0.12 $\frac{1}{2}$
			L	0.08 $\frac{1}{2}$				M	0.10
		1860	H	0.18				L	0.08 $\frac{1}{2}$
			M	0.12 $\frac{1}{2}$			1880	H	0.12 $\frac{1}{2}$
			ml	0.10				M	0.10
			L	0.08 $\frac{1}{2}$				L	0.08
		1861	H	0.15	Iowa, . . . . yd.		1867	M	0.20
			L	0.09 $\frac{1}{2}$			1868	M	0.18
		1862	H	0.22			1869	M	0.18
			mh	0.20			1870	M	0.18
			M	0.18			1871	M	0.20
			ml	0.15			1872	M	0.20
			L	0.12 $\frac{1}{2}$			1873	M	0.18
		1863	H	0.45			1874	M	0.15
			M	0.35			1875	M	0.15
			L	0.30			1876	M	0.12
		1864	H	0.75			1877	M	0.12
			M	0.60			1878	M	0.11
			ml	0.55			1879	M	0.11
			L	0.50			1880	M	0.11
		1865	H	0.75			1887	H	0.20
			mh	0.65				mh	0.15
			M	0.60				M	0.13
			ml	0.50				ml	0.10
			L	0.37 $\frac{1}{2}$				L	0.07

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
CLOTHING, ETC. — Con.					CLOTHING, ETC. — Con.				
Shirting (BLEACHED)—Con.					Shirting (BLEACHED)—Con.				
United States—Con.					United States—Con.				
Kansas, . . . yd.		1871	M	\$0.20	Missouri, . . . yd.	1866	H		\$0.50
		1872	M	0.20			L		0.25
		1873	M	0.16 $\frac{1}{2}$		1867	H		0.47 $\frac{1}{2}$
		1874	M	0.16 $\frac{1}{2}$			M		0.35
		1875	M	0.16 $\frac{1}{2}$			L		0.25
		1876	M	0.15		1868	M		0.25
		1877	M	0.12 $\frac{1}{2}$		1869	H		0.31
		1878	M	0.12 $\frac{1}{2}$			L		0.25
		1879	M	0.12 $\frac{1}{2}$		1870	H		0.27 $\frac{1}{2}$
		1880	M	0.10			L		0.20
Massachusetts, . yd.		1851	M	0.12 $\frac{1}{2}$		1871	H		0.25
		1853	M	0.13			L		0.14
		1854	M	0.13		1872	H		0.23
		1855	M	0.12 $\frac{1}{2}$			L		0.14
		1856	M	0.12		1873	H		0.23
		1857	M	0.12			L		0.14
		1858	M	0.11		1874	H		0.20
		1859	M	0.12			L		0.12 $\frac{1}{2}$
		1860	M	0.12 $\frac{1}{2}$		1875	H		0.17 $\frac{1}{2}$
		1861	M	0.13			L		0.11 $\frac{1}{2}$
		1862	M	0.40		1876	H		0.15
		1863	M	0.45			L		0.11 $\frac{1}{2}$
		1864	M	0.35		1877	H		0.15
		1865	M	0.30			L		0.11 $\frac{1}{2}$
		1866	M	9.30		1878	M		0.12 $\frac{1}{2}$
		1867	M	0.30		1879	M		0.12 $\frac{1}{2}$
		1868	M	0.30		1880	M		0.12 $\frac{1}{2}$
		1869	M	0.25	New Jersey, . . yd.	1851	M		0.16
		1870	M	0.25		1852	M		0.16
		1871	M	0.25		1853	M		0.16
		1872	M	0.20		1854	M		0.18
		1873	M	0.19		1855	M		0.18
		1874	M	0.17		1856	M		0.18
		1875	M	0.16		1857	M		0.18
		1876	M	0.15		1858	M		0.18
		1877	M	0.14		1859	M		0.18
		1878	M	0.12		1860	M		0.18
		1879	M	0.11		1861	M		0.18
		1880	H	0.15		1862	M		0.23
			M	0.12 $\frac{1}{2}$		1863	M		0.37
			L	0.09		1864	M		0.80
		1885	H	0.12 $\frac{1}{2}$		1865	M		0.52
			L	0.10		1866	H		0.48
		1891	H	0.12 $\frac{1}{2}$			L		0.44
			M	0.10		1867	H		0.45
			L	0.08			M		0.38
Michigan, . . . yd.		1885	H	0.18			L		0.25
			mh	0.15		1868	H		0.31
			M	0.12 $\frac{1}{2}$			L		0.25
			ml	0.10		1869	H		0.31
			L	0.07 $\frac{1}{2}$			M		0.28
Missouri, . . . yd.		1851	M	0.10			L		0.20
		1853	M	0.10		1870	H		0.27
		1855	M	0.12 $\frac{1}{2}$			L		0.22
		1856	M	0.15		1871	H		0.24
		1857	M	0.10			L		0.22
		1858	H	0.12 $\frac{1}{2}$		1872	H		0.24
			L	0.10			L		0.20
		1859	H	0.12 $\frac{1}{2}$		1873	H		0.22
			L	0.10			L		0.20
		1860	M	0.12 $\frac{1}{2}$		1874	H		0.21
		1861	M	0.12 $\frac{1}{2}$			L		0.16
		1862	M	0.20		1875	M		0.18
		1863	M	0.60		1876	H		0.17
		1864	H	0.85			L		0.12 $\frac{1}{2}$
			L	0.60		1877	H		0.15
		1865	H	0.55			L		0.12 $\frac{1}{2}$
			L	0.45		1878	H		0.12 $\frac{1}{2}$

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
CLOTHING, ETC. — Con.					CLOTHING, ETC. — Con.				
Shirting (BLEACHED)— Con.					Shirting (BLEACHED)— Con.				
United States—Con.					United States—Con.				
New Jersey, . . . yd.		1878	L	\$0.10	Ohio, . . . yd.		1857	M	\$0.12½
		1879	H	0.12½			1858	L	0.10
			L	0.10				H	0.15
		1880	H	0.12½				M	0.12½
			L	0.10			1859	L	0.10
New York, . . . yd.		1851	M	0.12½				H	0.15½
		1852	M	0.12½				M	0.12½
		1853	M	0.12½			1860	L	0.10
		1854	M	0.10				H	0.15½
		1855	M	0.10				M	0.12½
		1856	M	0.12½				L	0.10
		1857	M	0.12½			1861	H	0.16
		1858	M	0.12½				L	0.12½
		1859	M	0.12½			1862	H	0.57
		1860	M	0.12½				M	0.30
		1861	M	0.12½				ml	0.20
		1862	M	0.14				L	0.12½
		1863	M	0.30			1863	H	0.85
		1864	M	0.40				mh	0.70
		1865	M	0.31				M	0.50
		1866	M	0.30				ml	0.30
		1867	H	0.24				L	0.20
			L	0.16			1864	H	0.77
		1868	M	0.20				mh	0.70
		1869	H	0.25				M	0.65
			M	0.20				L	0.40
			L	0.18			1865	H	0.83
		1870	M	0.18				mh	0.60
		1871	H	0.19				M	0.50
			L	0.15				ml	0.40
		1872	H	0.18				L	0.35
			L	0.15			1866	H	0.50½
		1873	H	0.18				mh	0.45
			L	0.15				M	0.37½
		1874	H	0.17				ml	0.35
			M	0.15				L	0.30
			L	0.12½			1867	H	0.40
		1875	H	0.16				M	0.35
			L	0.12½				L	0.25
		1876	H	0.14			1868	H	0.31
			L	0.12½				M	0.25
		1877	M	0.13				L	0.20
		1878	H	0.12			1869	H	0.30
			L	0.10				M	0.20
		1879	M	0.10				L	0.15
		1880	M	0.10			1870	H	0.26½
Ohio, . . . yd.		1851	H	0.16				M	0.18
			M	0.12½				L	0.15
			L	0.10			1871	H	0.45
		1852	H	0.16				M	0.21
			mh	0.14½				L	0.12½
			M	0.12½			1872	H	0.40
			L	0.10				M	0.21
		1853	H	0.16				L	0.12
			mh	0.14½			1873	H	0.25
			M	0.12½				M	0.19
			L	0.10				ml	0.15
		1854	H	0.16				L	0.12
			M	0.12½			1874	H	0.25
			ml	0.10				M	0.18
			L	0.08				ml	0.15
		1855	H	0.16				L	0.12
			M	0.12½			1875	H	0.20
			L	0.10				M	0.15½
		1856	H	0.15				L	0.12
			M	0.12½			1876	H	0.18
			L	0.10				M	0.15
		1857	H	0.15				ml	0.12½



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CLOTHING, ETC.</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Shirting</b> (BLEACHED)—Con.					<b>Shirting</b> (BLEACHED)—Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Ohio, . . . yd.		1876	L	\$0.10	Pennsylvania, . . yd.		1872	L	\$0.12 $\frac{1}{2}$
		1877	H	0.16			1873	H	0.20
			M	0.12				M	0.16
			ml	0.10				L	0.12 $\frac{1}{2}$
			L	0.08			1874	H	0.18
		1878	H	0.15				M	0.14
			M	0.12				L	0.12 $\frac{1}{2}$
			ml	0.10			1875	H	0.17
			L	0.08				M	0.14
		1879	H	0.12 $\frac{1}{2}$				L	0.10
			M	0.10			1876	H	0.18
			L	0.08				M	0.12 $\frac{1}{2}$
		1880	H	0.13				L	0.10
			L	0.10			1877	H	0.16
		1887	H	0.45				L	0.10
			M	0.15			1878	H	0.12 $\frac{1}{2}$
			L	0.06				L	0.10
Pennsylvania, . . yd.		1851	H	0.15			1879	H	0.12 $\frac{1}{2}$
			L	0.12				L	0.10
		1852	H	0.15			1880	H	0.13
			L	0.12				L	0.10
		1853	H	0.15	Tennessee, . . yd.		1858	M	0.16 $\frac{3}{4}$
			L	0.12			1860	M	0.12 $\frac{1}{4}$
		1854	H	0.16			1865	M	0.50
			L	0.12			1870	M	0.20
		1855	H	0.16			1871	M	0.16 $\frac{3}{4}$
			L	0.12			1872	M	0.20
		1856	H	0.15			1873	M	0.20
			L	0.12			1874	M	0.08 $\frac{1}{2}$
		1857	H	0.15			1875	H	0.16 $\frac{3}{4}$
			L	0.12				L	0.09
		1858	H	0.15			1876	M	0.09
			L	0.12			1877	M	0.10
		1859	H	0.15			1878	M	0.10
			L	0.12			1879	M	0.10
		1860	H	0.15			1880	H	0.12 $\frac{1}{2}$
			L	0.12				L	0.10
		1861	H	0.18	West Virginia, . yd.		1851	H	0.12 $\frac{1}{2}$
			L	0.12				L	0.08
		1862	H	0.25			1852	H	0.12 $\frac{1}{2}$
			M	0.15				L	0.08
			L	0.12 $\frac{1}{2}$			1853	H	0.12 $\frac{1}{2}$
		1863	H	0.45				L	0.08
			M	0.37 $\frac{1}{2}$			1854	H	0.12 $\frac{1}{2}$
			L	0.30				L	0.08
		1864	H	0.68			1855	H	0.12 $\frac{1}{2}$
			M	0.60				L	0.08
			L	0.56			1856	H	0.12 $\frac{1}{2}$
		1865	H	0.85				L	0.08
			M	0.55			1857	H	0.12 $\frac{1}{2}$
			L	0.42				L	0.08
		1866	H	0.50			1858	H	0.12 $\frac{1}{2}$
			L	0.31				L	0.08
		1867	H	0.45			1859	H	0.10
			M	0.30				L	0.08
			L	0.24			1860	H	0.10
		1868	H	0.35				L	0.08
			L	0.25			1861	H	0.18
		1869	H	0.30				L	0.15
			M	0.24			1862	M	0.30
			L	0.20			1863	M	0.40
		1870	H	0.25			1864	H	0.80
			L	0.18				L	0.50
		1871	H	0.20			1865	M	0.50
			M	0.16			1866	M	0.40
			L	0.12 $\frac{1}{2}$			1867	H	0.25
		1872	H	0.20				L	0.18
			M	0.16			1868	H	0.25

GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
CLOTHING, ETC. — Con.					CLOTHING, ETC. — Con.				
Shirting (BLEACHED)— Con.					Shirting (UN- BLEACHED)— Con.				
United States—Con.					United States—Con.				
West Virginia, . yd.	1868	L	\$0.18		Connecticut, . yd.	1874	ml	\$0.09	
	1869	H	0.20			1875	L	0.07	
	1870	H	0.15				H	0.20	
		L	0.18				mh	0.18	
	1871	L	0.15				M	0.14	
		H	0.20				ml	0.11	
		L	0.12				L	0.08	
	1872	H	0.15			1876	M	0.11	
		L	0.12			1877	H	0.11	
	1873	H	0.15				L	0.08½	
		L	0.12			1878	H	0.10	
	1874	M	0.12½				L	0.08	
	1875	M	0.12½			1879	H	0.10	
	1876	M	0.12½				L	0.08	
	1877	M	0.12½			1880	H	0.10	
	1878	M	0.12½		Illinois, . . . yd.	1851	L	0 08½	
	1879	M	0.12½			1852	M	0.11	
	1880	M	0.12½				H	0.11	
							L	0.08	
Foreign Countries.						1853	M	0.10	
England, . . . yd.	1873	H	0.16			1854	M	0.10	
		L	0.13			1855	M	0.10	
	1878	H	0.16			1856	M	0.11	
		mh	0.14			1857	H	0.12	
		M	0.11				L	0.10	
		ml	0.08			1858	M	0.11	
		L	0.06			1859	M	0.10	
	1882	H	0.16			1860	H	0.12½	
		L	0.08				L	0.10	
West Indies, . . yd.	1881	H	0.30			1861	H	0.30	
		L	0.25				M	0.25	
							ml	0.15	
Shirting (UN- BLEACHED).							L	0.12	
United States.						1862	H	0.50	
Connecticut, . . yd.	1860	H	0.12½				M	0.35	
		L	0.10				L	0.15	
	1861	M	0.11			1863	H	0.50	
	1862	M	0.14				mh	0.45	
	1863	M	0.35				M	0.35	
	1864	H	0.50				L	0.25	
		L	0.46			1864	H	0.90	
		H	0.55				M	0.60	
	1865	H	0.40				ml	0.50	
		M	0.37				L	0.35	
		L	0.45			1865	H	0.70	
	1866	H	0.28				M	0.45	
		L	0.33				L	0.30	
	1867	H	0.20			1866	H	0.45	
		L	0.20				mh	0.40	
	1868	H	0.17				M	0.30	
		L	0.18				ml	0.25	
	1869	H	0.16				L	0.20	
		L	0.18			1867	H	0.30	
	1870	H	0.15				mh	0.25	
		M	0.12				M	0.20	
		L	0.16				ml	0.17	
	1871	H	0.12½				L	0.15	
		L	0.18			1868	H	0.25	
		M	0.16				M	0.20	
	1872	H	0.18				ml	0.16	
		M	0.16				L	0.12½	
		L	0.14			1869	H	0.25	
	1873	H	0.18				M	0.20	
		M	0.15				ml	0.17	
		L	0.14				L	0.12½	
	1874	H	0.16			1870	H	0.20	
		mh	0.14				mh	0.16½	
		M	0.12				M	0.14	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
CLOTHING, ETC. — Con.					CLOTHING, ETC. — Con.				
Shirting (UN- BLEACHED)—Con.					Shirting (UN- BLEACHED)—Con.				
United States—Con.					United States—Con.				
Illinois, . . . . yd.		1870	ml	\$0.12	Indiana, . . . . yd.		1865	M	\$0.50
			L	0.10				ml	0.40
		1871	H	0.18				L	0.30
			M	0.14			1866	H	0.60
			L	0.10				mh	0.50
		1872	H	0.18				M	0.40
			M	0.15				ml	0.25
			L	0.12				L	0.20
		1873	H	0.16			1867	H	0.50
			M	0.13				mh	0.40
			L	0.10				M	0.35
		1874	H	0.15				ml	0.25
			M	0.12½				L	0.17
			L	0.10			1868	H	0.50
		1875	H	0.12½				mh	0.45
			M	0.10				M	0.25
			L	0.08				ml	0.20
		1876	H	0.12½				L	0.15
			L	0.10			1869	H	0.20
		1877	H	0.12½				M	0.15
			L	0.10				L	0.12½
		1878	H	0.11			1870	H	0.17
			L	0.09				L	0.10
		1879	M	0.11			1871	H	0.15
		1880	H	0.12½				M	0.12½
			L	0.09				L	0.10
Indiana, . . . . yd.		1851	H	0.12½			1872	H	0.15
			M	0.10				M	0.12½
			L	0.08½				L	0.10
		1852	H	0.12½			1873	H	0.15
			M	0.10				L	0.10
			L	0.08½			1874	H	0.15
		1853	H	0.11				M	0.12½
			L	0.08				L	0.09
		1854	H	0.10			1875	H	0.12½
			L	0.08				M	0.10
		1855	H	0.10				L	0.08½
			L	0.08			1876	H	0.11
		1856	H	0.10				L	0.08½
			L	0.07½			1877	H	0.11
		1857	H	0.10				L	0.08
			L	0.07½			1878	H	0.10
		1858	H	0.10				L	0.07½
			L	0.07			1879	H	0.10
		1859	H	0.10				L	0.07½
			L	0.07			1880	H	0.10
		1860	H	0.11				L	0.07½
			M	0.08½	Iowa, . . . . yd.		1867	M	0.18
			L	0.06½			1868	M	0.16
		1861	H	0.15			1869	M	0.16
			mh	0.12½			1870	M	0.16
			M	0.10			1871	M	0.16
			ml	0.08½			1872	M	0.16
			L	0.07½			1873	M	0.15
		1862	H	0.20			1874	M	0.12
			M	0.15			1875	M	0.12
			L	0.10			1876	M	0.11
		1863	H	0.50			1877	M	0.10
			mh	0.45			1878	M	0.09
			M	0.30			1879	M	0.08
			L	0.25			1880	M	0.08
		1864	H	0.75			1887	H	0.20
			mh	0.70				mh	0.15
			M	0.60				M	0.13
			ml	0.50				ml	0.09½
			L	0.40				L	0.06
		1865	H	0.75	Kansas, . . . . yd.		1871	M	0.15
			mh	0.60			1872	M	0.15

## GRADED PRICES—Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
CLOTHING, ETC. — Con.					CLOTHING, ETC. — Con.				
Shirting (UN- BLEACHED)— Con.					Shirting (UN- BLEACHED)— Con.				
United States—Con.					United States—Con.				
Kansas, . . . yd.	1873	M		\$0.12 $\frac{1}{2}$	Missouri, . . . yd.	1859	L		\$0.10
	1874	M		0.12 $\frac{1}{2}$		1860	H		0.17
	1875	M		0.12 $\frac{1}{2}$			L		0.10
	1876	M		0.10		1861	M		0.11
	1877	M		0.10		1862	M		0.18
	1878	M		0.10		1863	M		0.50
	1879	M		0.10		1864	M		0.55
	1880	M		0.10		1865	M		0.50
Massachusetts, . yd.	1851	M		0.10		1866	M		0.20
	1852	M		0.10		1867	H		0.40
	1853	M		0.10			L		0.20
	1854	M		0.10		1868	M		0.20
	1855	M		0.10		1869	M		0.20
	1856	M		0.10		1870	M		0.20
	1857	M		0.10		1871	H		0.25
	1858	M		0.09			L		0.12 $\frac{1}{2}$
	1859	M		0.09		1872	M		0.12 $\frac{1}{2}$
	1860	M		0.11		1873	M		0.12 $\frac{1}{2}$
	1861	M		0.11		1874	M		0.11
	1862	M		0.35		1875	M		0.10
	1863	M		0.45		1876	M		0.10
	1864	M		0.25		1877	M		0.10
	1865	M		0.25		1878	M		0.10
	1866	M		0.25		1879	M		0.10
	1867	M		0.25		1880	M		0.10
	1868	M		0.25	New Jersey, . . yd.	1851	M		0.08
	1869	M		0.20		1852	M		0.09
	1870	M		0.20		1853	M		0.10
	1871	H		0.20		1854	M		0.10
		L		0.10 $\frac{1}{2}$		1855	M		0.09
	1872	H		0.18		1856	M		0.09
		L		0.12 $\frac{1}{2}$		1857	M		0.11
	1873	H		0.17		1858	M		0.10
		L		0.11		1859	M		0.11
	1874	H		0.16		1860	M		0.11
		L		0.09		1861	M		0.11
	1875	H		0.15		1862	M		0.20
		L		0.08 $\frac{1}{2}$		1863	M		0.38
	1876	H		0.14		1864	M		0.75
		L		0.06 $\frac{2}{3}$		1865	M		0.37
	1877	M		0.07 $\frac{1}{2}$		1866	H		0.28
	1878	H		0.11			L		0.22
		L		0.07 $\frac{1}{2}$		1867	H		0.22
	1879	H		0.10			L		0.19
		L		0.06 $\frac{1}{2}$		1868	H		0.20
	1880	H		0.12 $\frac{1}{2}$			L		0.18
		M		0.10		1869	H		0.20
		L		0.07 $\frac{1}{2}$			L		0.16
	1885	H		0.12 $\frac{1}{2}$		1870	M		0.18
		M		0.10		1871	H		0.16
		L		0.08			L		0.12 $\frac{1}{2}$
	1891	H		0.12 $\frac{1}{2}$		1872	H		0.16
		M		0.10			L		0.12 $\frac{1}{2}$
		L		0.08		1873	M		0.16
Michigan, . . . yd.	1885	H		0.14		1874	M		0.13
		mh		0.12 $\frac{1}{2}$		1875	H		0.12
		M		0.10			L		0.10
		ml		0.08		1876	M		0.10
		L		0.06 $\frac{1}{2}$		1877	M		0.10
Missouri, . . . yd.	1851	M		0.15		1878	H		0.10
	1852	M		0.15			L		0.08
	1853	M		0.15		1879	H		0.10
	1855	M		0.18			L		0.08
	1856	M		0.18		1880	H		0.10
	1857	M		0.13			L		0.08
	1858	H		0.18	New York, . . . yd.	1851	M		0.09
		L		0.10		1852	M		0.09
	1859	H		0.18		1853	M		0.09



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices
CLOTHING, ETC. — Con.					CLOTHING, ETC. — Con.				
Shirting (UN- BLEACHED) — Con.					Shirting (UN- BLEACHED) — Con.				
United States—Con.					United States—Con.				
New York, . . . yd.		1854	M	\$0.08½	Ohio, . . . yd.		1862	H	\$0.50
		1855	M	0.08				M	0.20
		1856	M	0.08				L	0.12½
		1857	M	0.10			1863	H	0.80
		1858	M	0.09				M	0.60
		1859	M	0.08				ml	0.50
		1860	M	0.08				L	0.35
		1861	M	0.09			1864	H	0.80
		1862	M	0.14				mh	0.75
		1863	M	0.35				M	0.70
		1864	M	0.45				ml	0.65
		1865	M	0.30				L	0.60
		1866	M	0.25			1865	H	0.78
		1867	H	0.18				mh	0.75
			L	0.16				M	0.60
		1868	M	0.20				ml	0.50
		1869	H	0.20				L	0.35
			M	0.18			1866	H	0.65
			L	0.16				M	0.40
		1870	M	0.16				L	0.30
		1871	H	0.18			1867	H	0.55
			L	0.14				M	0.35
		1872	H	0.17				ml	0.25
			L	0.14				L	0.17
		1873	H	0.17			1868	H	0.55
			L	0.14				M	0.25
		1874	H	0.16				L	0.12½
			L	0.12½			1869	H	0.50
		1875	H	0.15				M	0.20
			L	0.12½				L	0.10
		1876	H	0.14			1870	H	0.45
			L	0.12½				M	0.19
		1877	H	0.13				L	0.10
			L	0.09			1871	H	0.45
		1878	H	0.12				M	0.18
			L	0.09				L	0.10
		1879	M	0.10			1872	H	0.40
		1880	M	0.09				M	0.16
Ohio, . . . yd.		1881	H	0.12½				L	0.10
			M	0.10			1873	H	0.25
			L	0.07½				M	0.15
		1882	H	0.12½				L	0.10
			M	0.10			1874	H	0.25
			L	0.07				M	0.12½
		1883	H	0.12½				L	0.10
			M	0.10			1875	H	0.20
			L	0.08				M	0.12½
		1884	H	0.12½				L	0.08
			L	0.10			1876	H	0.18
		1885	H	0.12½				M	0.12½
			M	0.10				ml	0.10
			L	0.07½				L	0.08
		1886	H	0.12½			1877	H	0.16
			L	0.09½				M	0.12½
		1887	H	0.12½				ml	0.10
			L	0.09½				L	0.08
		1888	H	0.12½			1878	H	0.15
			M	0.10				M	0.10
			L	0.08				L	0.07½
		1889	H	0.12½			1879	H	0.11
			M	0.10				M	0.09
			L	0.08				L	0.07½
		1890	H	0.12½			1880	H	0.10
			M	0.10				M	0.08
			L	0.08½				L	0.06½
		1891	H	0.15			1887	H	0.25
			M	0.12½				M	0.15
			L	0.10				ml	0.10

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CLOTHING, ETC.</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Shirting (UN- BLEACHED) — Con.</b>					<b>Shirting (UN- BLEACHED) — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Ohio, . . . yd.		1887	L	\$0.06½	West Virginia, . . yd.		1852	H	\$0.10
Pennsylvania, . . yd.		1851	M	0.10				L	0.07
		1852	M	0.10			1853	H	0.10
		1853	M	0.10				L	0.07
		1854	M	0.10			1854	H	0.10
		1855	M	0.10				L	0.07
		1856	M	0.10			1855	H	0.10
		1857	M	0.10				L	0.07
		1858	M	0.10			1856	H	0.10
		1859	M	0.10				L	0.07
		1860	M	0.10			1857	H	0.10
		1861	H	0.12				L	0.07
			M	0.10			1858	H	0.10
			L	0.08				L	0.07
		1862	H	0.22			1859	H	0.10
			M	0.12½				L	0.07
			L	0.10			1860	H	0.10
		1863	H	0.40				L	0.06
			L	0.25			1861	H	0.15
		1864	H	0.60				L	0.12½
			L	0.50			1862	M	0.25
		1865	H	0.50			1863	H	0.40
			M	0.45				L	0.30
			L	0.40			1864	H	0.75
		1866	H	0.40				L	0.40
			M	0.30			1865	H	0.50
			L	0.25				L	0.40
		1867	H	0.25			1866	H	0.40
			L	0.21				L	0.30
		1868	H	0.22			1867	H	0.25
			L	0.20				L	0.15
		1869	H	0.20			1868	H	0.25
			L	0.16				L	0.15
		1870	H	0.18			1869	H	0.20
			L	0.15				L	0.12
		1871	H	0.15			1870	H	0.18
			L	0.09				L	0.12
		1872	H	0.15			1871	H	0.15
			L	0.09				L	0.10
		1873	H	0.15			1872	H	0.12½
			L	0.09				L	0.10
		1874	H	0.13½			1873	H	0.12½
			L	0.08				L	0.10
		1875	H	0.12½			1874	M	0.10
			L	0.08			1875	M	0.10
		1876	H	0.11			1876	M	0.10
			L	0.08			1877	M	0.10
		1877	H	0.10			1878	M	0.10
			L	0.08			1879	M	0.10
		1878	M	0.10			1880	M	0.10
		1879	M	0.09	<i>Foreign Countries.</i>				
		1880	M	0.10	England, . . . yd.		1873	M	0.10
Tennessee, . . . yd.		1856	M	0.10			1878	H	0.14
		1860	M	0.10				M	0.09
		1861	M	0.12½				L	0.06
		1871	M	0.15			1882	H	0.12
		1873	M	0.15				L	0.07
		1874	H	0.12½	West Indies, . . yd.		1881	H	0.25
			L	0.07				L	0.20
		1875	H	0.12½					
			L	0.07	<b>Suits, men's.</b>				
		1876	M	0.07½	<i>United States.</i>				
		1877	M	0.08½	Illinois, . . . each		1885	M	15.00
		1878	M	0.08½	Maryland, . . . each			H	25.00
		1879	M	0.08				mh	20.00
		1880	M	0.08				M	12.00
West Virginia, . . yd.		1851	H	0.10				L	8.00
			L	0.07					

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CLOTHING, ETC.</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Suits, men's.</b> — Con.					<b>Ticking — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Massachusetts, . . . each	1880	H	\$25.00		Connecticut, . . . yd.	1868	M	\$0.33	
		mh	20.00				L	0.23	
		M	15.00			1869	H	0.37½	
		ml	10.00				M	0.33	
		L	6.00				ml	0.28	
	1885	H	25.00				L	0.25	
		mh	20.00			1870	H	0.37½	
		M	15.00				M	0.30	
		ml	10.00				ml	0.25	
		L	5.00				L	0.22	
	1891	H	25.00			1871	H	0.30	
		mh	20.00				L	0.22	
		M	15.00			1872	H	0.33	
		ml	10.00				M	0.28	
		L	5.00				L	0.22	
Missouri, . . . each	1889	H	35.00			1873	H	0.33	
		mh	25.00				M	0.25	
		M	20.00				L	0.22	
		ml	12.50			1874	H	0.40	
		L	3.50				mh	0.34	
Wisconsin, . . . each	1880	H	28.00				M	0.28	
		M	18.00				ml	0.20	
		L	15.00				L	0.12	
	1881	H	28.00			1875	H	0.30	
		M	18.00				mh	0.25	
		L	13.00				M	0.20	
	1882	H	25.00				ml	0.16	
		M	16.00				L	0.12	
		L	13.00			1876	H	0.30	
	1883	H	24.00				M	0.22	
		M	15.00				L	0.20	
		L	11.00			1877	H	0.23	
	1884	H	22.00				M	0.20	
		M	14.00				L	0.18	
		L	9.00			1878	H	0.22	
							M	0.18	
<i>Foreign Countries.</i>							L	0.16	
England, . . . each	1878	H	19.50			1879	H	0.22	
		M	14.52				M	0.18	
		ml	9.68				L	0.14	
		L	7.26			1880	H	0.22	
	1883	H	14.59				mh	0.20	
		M	10.21				M	0.18	
		ml	7.20				L	0.14	
		L	6.07			1851	H	0.30	
Germany, . . . each	1885	H	5.71				L	0.20	
		M	4.86			1852	M	0.30	
		L	2.14			1853	M	0.28	
Scotland, . . . each	1879	M	17.00			1854	M	0.28	
						1855	H	0.25	
							L	0.15	
<b>Ticking.</b>						1856	H	0.25	
<i>United States.</i>							L	0.20	
Connecticut, . . . yd.	1860	H	0.22			1857	M	0.25	
		L	0.20			1858	H	0.25	
	1861	M	0.22				L	0.17	
	1862	M	0.25			1859	M	0.25	
	1863	M	0.33			1860	H	1.20	
	1864	H	0.60				L	0.18	
		L	0.55			1861	H	0.45	
		L	0.75				M	0.25	
	1865	H	0.67				L	0.12	
		L	0.67			1862	H	0.85	
	1866	H	0.65				M	0.55	
		L	0.60				ml	0.40	
	1867	H	0.48				L	0.25	
		L	0.42			1863	H	0.85	
	1868	H	0.37				L	0.50	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CLOTHING, ETC.</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Ticking—Con.</b>					<b>Ticking—Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Illinois, . . . yd.		1864	H	\$1.20	Indiana, . . . yd.		1852	H	\$0.30
			M	0.90				M	0.25
			L	0.55				L	0.18
		1865	H	1.15			1853	H	0.25
			M	0.75				L	0.18
			L	0.45			1854	H	0.25
		1866	H	0.90				L	0.18
			mh	0.80			1855	H	0.25
			M	0.50				L	0.17
			L	0.37			1856	H	0.25
		1867	H	0.65				L	0.17
			L	0.30			1857	H	0.25
		1868	H	0.60				mh	0.22½
			M	0.45				M	0.20
			L	0.27				L	0.17
		1869	H	0.60			1858	H	0.25
			mh	0.45				M	0.20
			M	0.40				L	0.17
			ml	0.35			1859	H	0.35
			L	0.25				M	0.25
		1870	H	0.50				ml	0.20
			M	0.35				L	0.17
			L	0.22			1860	H	0.35
		1871	H	0.40				M	0.25
			mh	0.35				ml	0.20
			M	0.30				L	0.17
			ml	0.25			1861	H	0.50
			L	0.22				M	0.30
		1872	H	0.50				ml	0.25
			M	0.35				L	0.20
			L	0.20			1862	H	0.50
		1873	H	0.40				M	0.40
			mh	0.35				ml	0.35
			M	0.25				L	0.30
			L	0.20			1863	H	0.50
		1874	H	0.35				M	0.45
			mh	0.30				L	0.40
			M	0.25			1864	H	1.10
			ml	0.22				mh	1.00
			L	0.18				M	0.85
		1875	H	0.30				L	0.50
			mh	0.28			1865	H	0.80
			M	0.25				M	0.65
			ml	0.22				L	0.45
			L	0.18			1866	H	0.80
		1876	H	0.30				mh	0.70
			M	0.25				M	0.50
			ml	0.22				L	0.30
			L	0.18			1867	H	0.65
		1877	H	0.25				M	0.50
			M	0.22				L	0.30
			ml	0.20			1868	H	0.50
			L	0.18				mh	0.45
		1878	H	0.25				M	0.40
			mh	0.22				L	0.28
			M	0.20			1869	H	0.50
			ml	0.18				mh	0.45
			L	0.16				M	0.40
		1879	H	0.25				ml	0.35
			mh	0.22				L	0.25
			M	0.20			1870	H	0.50
			L	0.16				mh	0.45
		1880	H	0.25				M	0.37½
			M	0.22				ml	0.30
			ml	0.20				L	0.25
			L	0.18			1871	H	0.35
Indiana, . . . yd.		1851	H	0.30				mh	0.30
			M	0.25				M	0.25
			L	0.18				L	0.20



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices					
CLOTHING, ETC. — Con.									CLOTHING, ETC. — Con.											
Ticking—Con.									Ticking—Con.											
United States—Con.									United States—Con.											
Indiana, . . .	yd.	1872	H	\$0.35					Massachusetts, .	yd.	1847	M	\$0.18							
			mh	0.30							1850	M	0.16							
			M	0.25							1851	M	0.16							
			L	0.20							1852	M	0.16							
		1873	H	0.35							1853	M	0.15							
			mh	0.30							1854	H	0.18							
			M	0.25								L	0.15							
			ml	0.22							1855	M	0.15							
			L	0.20							1856	M	0.16							
		1874	H	0.30							1857	M	0.16							
			M	0.25							1858	H	0.15							
			L	0.20								L	0.13							
		1875	H	0.30							1859	H	0.20							
			M	0.25								L	0.15							
			L	0.20							1860	M	0.17							
		1876	H	0.30							1861	M	0.20							
			M	0.25							1862	M	0.44							
			ml	0.22½							1863	M	0.44							
			L	0.20							1864	M	0.44							
		1877	H	0.30							1865	M	0.45							
			M	0.25							1866	H	0.55½							
			ml	0.22½								M	0.40							
			L	0.20								L	0.24							
		1878	H	0.30							1867	M	0.40							
			M	0.25							1868	H	0.46							
			ml	0.23								mh	0.40							
			L	0.20								M	0.32½							
		1879	H	0.30								L	0.18½							
			M	0.25							1869	H	0.35							
			ml	0.23								M	0.30							
			L	0.20								L	0.20							
		1880	H	0.30							1870	H	0.33							
			M	0.25								M	0.30							
			ml	0.22								L	0.19							
			L	0.20							1871	H	0.30							
Iowa, . . .	yd.	1867	M	0.40								M	0.25							
		1868	M	0.40								L	0.14½							
		1869	M	0.35							1872	H	0.30½							
		1870	M	0.35								M	0.24							
		1871	M	0.32								L	0.15½							
		1872	M	0.32							1873	M	0.24							
		1873	M	0.30							1874	M	0.22							
		1874	M	0.28							1875	M	0.20							
		1875	M	0.28							1876	M	0.20							
		1876	M	0.25							1877	M	0.19							
		1877	M	0.22							1878	M	0.17							
		1878	M	0.22							1879	M	0.15							
		1879	M	0.22							1880	H	0.25							
		1880	M	0.22								mh	0.22							
		1885	H	0.22								M	0.18							
			M	0.15								ml	0.15							
			L	0.08½								L	0.12							
Kansas, . . .	yd.	1871	M	0.40							1885	H	0.25							
		1872	M	0.40								mh	0.20							
		1873	M	0.40								M	0.17							
		1874	M	0.35								ml	0.14							
		1875	M	0.35								L	0.10							
		1876	M	0.30							1891	H	0.20							
		1877	M	0.30								mh	0.17							
		1878	M	0.25								M	0.14							
		1879	M	0.25								ml	0.10							
		1880	M	0.25								L	0.06½							
Massachusetts, .	yd.	1830	M	0.28					Missouri, . . .	yd.	1851	M	0.10							
		1840	M	0.25							1852	M	0.10							
		1843	M	0.15							1857	M	0.12							
		1844	M	0.18							1858	H	0.25							
		1845	M	0.18								L	0.12½							
		1846	H	0.19								L	0.25							
			L	0.12							1859	H	0.12½							
												L	0.12½							

GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices
<b>CLOTHING, ETC. — Con.</b>							
<b>Ticking — Con.</b>							
<i>United States—Con.</i>							
Missouri, . . .	yd.	1860	H	\$0.25			
			L	0.14			
		1861	M	0.25			
		1862	M	0.30			
		1863	M	0.90			
		1864	M	1.00			
		1865	H	0.90			
			L	0.50			
		1866	H	0.50			
			L	0.30			
		1867	H	0.65			
			L	0.50			
		1868	M	0.30			
		1869	M	0.30			
		1870	H	0.50			
			L	0.30			
		1871	M	0.25			
		1872	H	0.25			
			L	0.23			
		1873	H	0.25			
			L	0.20			
		1874	H	0.22			
			L	0.18½			
		1875	H	0.22			
			L	0.18½			
		1876	H	0.22			
			L	0.17½			
		1877	H	0.20			
			L	0.17½			
		1878	H	0.20			
			L	0.17½			
		1879	M	0.20			
		1880	M	0.20			
		1889	M	0.20			
New Jersey, . . .	yd.	1866	M	0.60			
		1867	H	0.60			
			L	0.44			
		1868	M	0.40			
		1869	H	0.40			
			L	0.37			
		1870	M	0.40			
		1871	M	0.38			
		1872	M	0.35			
		1873	M	0.31			
		1874	H	0.31			
			L	0.26½			
		1875	M	0.22			
		1876	M	0.22			
		1877	M	0.20			
		1878	H	0.30			
			M	0.25			
			L	0.18			
		1879	H	0.30			
			M	0.25			
			L	0.20			
		1880	H	0.30			
			M	0.25			
			L	0.22			
New York, . . .	yd.	1851	M	0.12½			
		1852	M	0.12½			
		1853	M	0.12½			
		1854	M	0.12½			
		1855	M	0.12½			
		1856	M	0.12½			
		1857	M	0.12½			
		1858	M	0.12½			
		1859	M	0.12½			
		1860	M	0.12½			
		1861	M	0.12½			

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>CLOTHING, ETC. — Con.</b>					<b>CLOTHING, ETC. — Con.</b>				
<b>Ticking — Con.</b>					<b>Ticking — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Ohio, . . . yd.		1862	H	\$0.75	Ohio, . . . yd.		1880	L	\$0.18
			M	0.50	Pennsylvania, . . yd.		1851	M	0.25
			ml	0.37 $\frac{1}{2}$			1852	M	0.25
			L	0.28			1853	H	0.28
		1863	H	1.25				L	0.25
			mh	1.00			1854	H	0.28
			M	0.85				L	0.25
			ml	0.55			1855	H	0.28
			L	0.40				L	0.25
		1864	H	1.25			1856	H	0.28
			mh	1.00				L	0.25
			M	0.85			1857	H	0.28
			L	0.50				L	0.25
		1865	H	1.00			1858	M	0.25
			M	0.75			1859	M	0.25
			ml	0.65			1860	M	0.25
			L	0.50			1861	H	0.30
		1866	H	0.75				L	0.25
			M	0.55			1862	H	0.45
			L	0.37				M	0.30
		1867	H	0.65				L	0.25
			M	0.50			1863	H	0.60
			ml	0.40				M	0.55
			L	0.30				L	0.40
		1868	H	0.65			1864	H	0.85
			M	0.40				L	0.75
			L	0.28			1865	H	0.68
		1869	H	0.55				L	0.65
			M	0.37 $\frac{1}{2}$			1866	H	0.65
			L	0.28				M	0.55
		1870	H	0.50				L	0.50
			M	0.35			1867	H	0.55
			L	0.25				M	0.45
		1871	H	0.50				L	0.42
			M	0.37 $\frac{1}{2}$			1868	H	0.50
			ml	0.30				L	0.40
			L	0.24			1869	H	0.45
		1872	H	0.50				mh	0.40
			M	0.37 $\frac{1}{2}$				M	0.35
			ml	0.32				L	0.28
			L	0.25			1870	H	0.40
		1873	H	0.45				M	0.38
			M	0.35				L	0.35
			ml	0.30			1871	H	0.37 $\frac{1}{2}$
			L	0.23				L	0.35
		1874	H	0.45			1872	M	0.35
			M	0.30			1873	H	0.35
			L	0.21				L	0.30
		1875	H	0.45			1874	H	0.30
			M	0.30				L	0.28
			ml	0.25			1875	H	0.30
			L	0.19				L	0.22
		1876	H	0.40			1876	H	0.30
			M	0.28				L	0.25
			ml	0.22			1877	H	0.30
			L	0.18				L	0.25
		1877	H	0.40			1878	H	0.28
			M	0.25				M	0.25
			L	0.17 $\frac{1}{2}$				L	0.20
		1878	H	0.35			1879	H	0.28
			M	0.25				M	0.25
			L	0.17 $\frac{1}{2}$				L	0.20
		1879	H	0.35			1880	H	0.28
			mh	0.30				M	0.25
			M	0.25				L	0.20
			L	0.18			1867	M	0.35
		1880	H	0.35	Tennessee, . . yd.		1868	M	0.40
			M	0.25			1870	M	0.35
			ml	0.22			1872	M	0.36

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>CLOTHING, ETC.</b> — Con.					<b>CLOTHING, ETC.</b> — Con.				
<b>Ticking — Con.</b>					<b>Ticking — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Tennessee, . . . yd.	1874	M	\$0.20		Wisconsin, . . . yd.	1880	L	\$0.10	
	1875	H	0.25			1881	H	0.18	
		L	0.20				M	0.13 $\frac{1}{2}$	
	1876	M	0.20			1882	H	0.18	
	1877	M	0.25				M	0.13 $\frac{1}{2}$	
	1878	M	0.25				ml	0.11	
	1879	M	0.25				L	0.09 $\frac{1}{2}$	
	1880	M	0.25			1883	H	0.15	
West Virginia, . . yd.	1851	H	0.28				M	0.11	
		L	0.20				ml	0.09	
	1852	H	0.28			1884	L	0.07 $\frac{1}{2}$	
		L	0.20				H	0.14 $\frac{1}{2}$	
	1853	H	0.28				mh	0.12 $\frac{1}{2}$	
		L	0.20				M	0.11	
	1854	H	0.28				ml	0.09	
		L	0.20				L	0.07 $\frac{1}{2}$	
	1855	H	0.28		<i>Foreign Countries.</i>				
		L	0.20		Argentine Republic, yd.	1881	H	0.69	
	1856	H	0.28				M	0.45	
		L	0.20				ml	0.35	
	1857	H	0.28				L	0.27 $\frac{1}{2}$	
		L	0.20		England, . . . yd.	1873	H	0.30	
	1858	H	0.28			1878	L	0.20	
		L	0.20				H	0.60	
	1859	H	0.28				M	0.42	
		L	0.20				L	0.24	
	1860	H	0.28		<b>Towelling.</b>				
		L	0.20		<i>United States.</i>				
	1861	H	0.40		Connecticut, . . yd.	1860	M	0.10	
		L	0.25			1887	M	0.10	
	1862	H	0.50		Iowa, . . . yd.	1885	H	0.15	
		L	0.40				M	0.10	
	1863	H	0.70				L	0.05	
		L	0.50		Massachusetts, . yd.	1834	M	0.41	
	1864	H	1.00			1856	M	0.15	
		L	0.70			1857	M	0.15	
	1865	M	0.75			1859	M	0.20	
	1866	H	0.60			1891	H	0.15	
		L	0.40				M	0.08	
	1867	H	0.50				L	0.04	
		L	0.20		Missouri, . . . yd.	1889	H	0.50	
	1868	H	0.45				M	0.25	
		L	0.15				L	0.05	
	1869	H	0.40		Pennsylvania, . . yd.	1884	H	0.20	
		L	0.15				mh	0.17	
	1870	H	0.40				M	0.14	
		L	0.15				ml	0.10	
	1871	H	0.30				L	0.07	
		L	0.20			1885	H	0.25	
	1872	H	0.30				mh	0.20	
		L	0.20				M	0.15	
	1873	H	0.30				ml	0.10	
		L	0.20				L	0.05	
	1874	H	0.25		<b>Vests.</b>				
		L	0.22		<i>United States.</i>				
	1875	H	0.25		Illinois, . . . each	1885	H	2.00	
		L	0.22				L	1.00	
	1876	H	0.25		Iowa, . . . each	1885	H	3.50	
		L	0.22				M	1.75	
	1877	H	0.25				L	1.00	
		L	0.22		Maryland, . . . each	1885	H	1.80	
	1878	H	0.25				L	0.90	
		L	0.22		Massachusetts, . . each	1839	M	1.38	
	1879	H	0.25			1847	M	3.75	
		L	0.22			1855	H	4.00	
	1880	H	0.25						
		L	0.22						
Wisconsin, . . . yd.	1880	H	0.17 $\frac{1}{2}$						
		M	0.13 $\frac{1}{2}$						



GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices
CLOTHING, ETC. — Con.								FISH — Con.							
Vests — Con.								Cod — Con.							
United States—Con.								United States—Con.							
Massachusetts,	each	1855	M	\$2.25				Illinois,	lb.	1878	H	\$0.09			
			L	1.25							L	0.05			
		1857	H	4.50						1884	H	0.12			
			M	3.09							mh	0.11			
			L	1.78							M	0.09			
		1858	H	3.50							ml	0.08			
			M	1.75							L	0.06½			
			L	0.70						1885	H	0.12½			
		1859	H	3.75							M	0.10			
			M	1.96							ml	0.08			
			L	1.36							L	0.07			
		1885	H	2.00				Indiana,	lb.	1888	M	0.08½			
			L	0.80				Iowa,	lb.	1885	H	0.10			
Foreign Countries.								Foreign Countries.							
England,	each	1885	H	1.46							L	0.08			
			L	0.26						1887	H	0.11			
Scotland,	each	1879	M	3.50							mh	0.09½			
Woollen Dress Goods.								Woollen Dress Goods.							
United States.								United States.							
Iowa,	yd.	1885	H	1.00				Kansas,	lb.	1888	M	0.12½			
			L	0.50				Maine,	lb.	1888	M	0.12½			
Maine,	yd.	1866	M	0.75						1858	M	0.04			
		1886	H	0.50						1868	M	0.08			
			L	0.42						1878	M	0.08			
Massachusetts,	yd.	1880	H	1.00				Maryland,	lb.	1885	H	0.12			
			mh	0.80				Massachusetts,	lb.	1830	M	0.02			
			M	0.56						1831	M	0.03			
			ml	0.25						1832	M	0.03			
			L	0.15						1833	M	0.02			
		1885	H	1.00						1835	M	0.03			
			mh	0.75						1836	M	0.04			
			M	0.50						1837	M	0.05			
			ml	0.30						1838	M	0.04			
			L	0.12½						1839	M	0.04			
		1891	H	1.50						1841	M	0.03			
			mh	1.25						1842	H	0.05			
			M	0.87							L	0.03			
			ml	0.45						1844	M	0.03			
			L	0.12						1846	M	0.03			
Missouri,	yd.	1889	H	1.00						1847	M	0.03			
			M	0.50						1848	M	0.04			
			L	0.08½						1856	M	0.05			
Ohio,	yd.	1887	H	0.80						1860	M	0.05			
			mh	0.70						1880	H	0.12			
			M	0.60							mh	0.10			
			ml	0.47							M	0.08			
			L	0.35							ml	0.06			
Foreign Countries.								Foreign Countries.							
England,	yd.	1878	H	0.60							L	0.05			
			L	0.15						1885	H	0.12			
		1883	H	0.48							mh	0.10			
			L	0.24							M	0.08			
FISH.								FISH.							
Cod.								Cod.							
United States.								United States.							
California,	lb.	1888	M	0.05½				Michigan,	lb.	1885	H	0.15			
Colorado,	lb.	1888	H	0.35							mh	0.12½			
			M	0.20							M	0.11			
			ml	0.13½							ml	0.09			
			L	0.07½							L	0.07			
Connecticut,	lb.	1888	M	0.06½											

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FISH — Con.</b>					<b>FISH — Con.</b>				
<b>Cod — Con.</b>					<b>Cod (SALT) — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Michigan, . . . lb.	1886	H	\$0.08		Connecticut, . . lb.	1852	M	\$0.04 $\frac{1}{2}$	
		L	0.06			1853	H	0.05	
	1888	M	0.08				L	0.04	
Minnesota, . . lb.	1888	M	0.09			1854	H	0.05	
Missouri, . . . lb.	1878	H	0.08				L	0.04 $\frac{1}{2}$	
		L	0.07			1855	M	0.04 $\frac{1}{2}$	
Nebraska, . . . lb.	1888	M	0.09 $\frac{1}{2}$			1856	M	0.04 $\frac{1}{2}$	
New Jersey, . . lb.	1884	M	0.12			1857	M	0.04 $\frac{1}{2}$	
	1885	M	0.12			1858	M	0.05	
New York, . . . lb.	1878	H	0.07			1859	M	0.06	
		L	0.06			1860	H	0.06	
Ohio, . . . . lb.	1887	H	0.11				M	0.05	
		mh	0.10				L	0.04	
		M	0.08			1861	H	0.06	
		ml	0.07				L	0.04	
		L	0.05			1862	H	0.05	
	1888	M	0.08				L	0.04 $\frac{1}{2}$	
Pennsylvania, . lb.	1879	H	0.09			1863	H	0.07	
		L	0.04				L	0.06 $\frac{1}{2}$	
	1884	H	0.08			1864	H	0.15	
		L	0.05				M	0.10	
	1885	H	0.12 $\frac{1}{2}$				L	0.08	
		mh	0.10			1865	H	0.11	
		M	0.07				M	0.10	
		ml	0.05				L	0.08	
		L	0.02 $\frac{1}{2}$			1866	H	0.12	
	1888	M	0.08				L	0.08	
Rhode Island, . lb.	1888	M	0.05 $\frac{1}{2}$			1867	H	0.10	
Wisconsin, . . lb.	1888	M	0.09				M	0.08 $\frac{1}{2}$	
<i>Foreign Countries.</i>							L	0.07	
England, . . . lb.	1878	H	0.10			1868	H	0.10	
		L	0.08				M	0.09	
	1882	H	0.10				L	0.07	
		L	0.05			1869	H	0.10	
	1883	H	0.12				L	0.08	
		L	0.05			1870	H	0.11	
	1884	H	0.12				M	0.10	
		L	0.08				L	0.08	
	1885	H	0.12			1871	H	0.10	
		L	0.08				M	0.08	
Germany, . . . lb.	1884	M	0.09				L	0.07 $\frac{1}{2}$	
	1885	H	0.12			1872	H	0.09	
		M	0.10				M	0.08	
		L	0.09				L	0.07	
Italy, . . . . lb.	1878	H	0.12			1873	H	0.10	
		M	0.10				M	0.08	
		L	0.09				L	0.07	
	1879	M	0.09			1874	H	0.10	
	1884	M	0.09				M	0.08	
	1889	M	0.06				L	0.07	
Mexico, . . . . lb.	1882	M	0.25			1875	H	0.10	
Scotland, . . . lb.	1878	M	0.06				M	0.08	
	1879	M	0.06				L	0.07	
	1884	M	0.06			1876	H	0.08	
		M	0.06				L	0.07	
Sicily, . . . . lb.	1878	M	0.06			1877	H	0.08	
Spain, . . . . lb.	1878	H	0.10				L	0.07	
		L	0.09			1878	H	0.08	
	1879	M	0.10				M	0.07	
	1884	M	0.10				L	0.05	
United States of						1879	H	0.07	
Colombia, . . . lb.	1883	M	0.20				M	0.06	
Venezuela, . . lb.	1881	H	0.08				L	0.05	
		L	0.06			1880	H	0.07	
<b>Cod (SALT).</b>							L	0.06	
<i>United States.</i>						1887	M	0.10	
California, . . lb.	1884	H	0.15		Florida, . . . lb.	1866	M	0.15	
		L	0.10			1867	M	0.10	
Connecticut, . . lb.	1851	M	0.04			1868	M	0.12 $\frac{1}{2}$	
						1869	M	0.12 $\frac{1}{2}$	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FISH — Con.</b>					<b>FISH — Con.</b>				
<b>Cod (SALT) — Con.</b>					<b>Cod (SALT) — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Florida, . . . lb.	1874	M		\$0.10	Indiana, . . . lb.	1870	H		\$0.10
	1875	M		0.10		1871	H	L	0.08
	1876	M		0.10		1872	H	L	0.12
	1877	M		0.12		1873	H	L	0.08
	1878	M		0.08		1874	H	L	0.12
	1879	M		0.10		1875	H	L	0.08
	1880	M		0.10		1876	H	L	0.11
Illinois, . . . lb.	1853	M		0.08		1877	H	L	0.08
	1856	H		0.10		1878	H	L	0.10
		L		0.08		1879	H	L	0.07 $\frac{1}{2}$
	1857	M		0.08			M		0.06 $\frac{1}{4}$
	1858	H		0.08		1880	H	L	0.07 $\frac{1}{2}$
		L		0.05			M		0.06 $\frac{1}{4}$
	1859	M		0.08		1861	M		0.08
	1860	M		0.08		1862	M		0.07
	1861	M		0.08		1863	M		0.08
	1862	M		0.10		1864	M		0.10 $\frac{1}{2}$
	1863	M		0.12 $\frac{1}{2}$		1865	M		0.12 $\frac{1}{2}$
	1864	M		0.12 $\frac{1}{2}$		1866	M		0.12 $\frac{1}{2}$
	1865	M		0.12 $\frac{1}{2}$		1867	M		0.10
	1866	M		0.10		1868	M		0.10
	1867	M		0.10		1869	M		0.10
	1868	M		0.10		1870	M		0.10
	1869	M		0.10		1871	M		0.08
	1870	M		0.10		1872	M		0.08
	1871	M		0.10		1873	M		0.08
	1872	M		0.10		1874	M		0.08
	1873	H		0.10		1875	M		0.08
		L		0.08		1876	M		0.08
	1874	H		0.10		1877	M		0.07
		L		0.08		1878	M		0.07
	1875	H		0.10		1879	M		0.07
		L		0.07		1880	M		0.06
	1876	M		0.10		1881	M		0.10
		L		0.07		1882	H		0.20
	1877	H		0.10			mh		0.16
		L		0.07			M		0.12 $\frac{1}{2}$
	1878	H		0.10			ml		0.08 $\frac{1}{2}$
		mh		0.09			L		0.05
		M		0.07		Kansas, . . . lb.	1871	M	0.10
		L		0.05			1872	M	0.10
	1879	H		0.10			1873	M	0.10
		mh		0.09			1874	M	0.10
		M		0.08			1875	M	0.10
		L		0.05			1876	M	0.10
	1880	H		0.10			1877	M	0.11
		L		0.08			1878	M	0.11
Indiana, . . . lb.	1884	H		0.10			1879	M	0.12 $\frac{1}{2}$
		L		0.05			1880	M	0.12 $\frac{1}{2}$
	1851	M		0.06		Maine, . . . lb.	1858	H	0.06
	1852	M		0.06			L		0.04 $\frac{1}{2}$
	1853	M		0.06			1868	H	0.10
	1854	M		0.08			L		0.09
	1855	M		0.08			1878	H	0.10
	1856	M		0.09			L		0.08
	1857	M		0.10			1888	M	0.06
	1858	M		0.10			1889	H	0.07
	1859	M		0.10			M		0.06
	1860	M		0.10			L		0.05
	1861	M		0.10		Massachusetts, . lb.	1830	M	0.04
	1862	M		0.10					
	1863	M		0.10					
	1864	M		0.12					
	1865	H		0.12					
		L		0.10					
	1866	M		0.10					
	1867	H		0.12					
		L		0.10					
	1868	H		0.13					
		L		0.10					
	1869	M		0.10					

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FISH—Con.					FISH—Con.				
<b>Cod (SALT)—Con.</b>					<b>Cod (SALT)—Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Massachusetts,	lb.	1832	H	\$0.07	Massachusetts,	lb.	1880	L	\$0.05
			L	0.04			1885	H	0.14
		1833	M	0.02				mh	0.12
		1834	M	0.04				M	0.10
		1835	M	0.04				ml	0.08
		1836	H	0.06				L	0.05
			L	0.05			1891	H	0.15
		1840	M	0.04				mh	0.12
		1841	M	0.05				M	0.10
		1842	M	0.05				ml	0.08
		1843	H	0.05				L	0.06
			L	0.04	Michigan,	lb.	1886	H	0.07
		1844	M	0.04				M	0.06
		1845	M	0.05				L	0.05
		1846	H	0.05	Minnesota,	lb.	1890	H	0.10
			L	0.04				M	0.08
		1847	H	0.08				L	0.07
			L	0.04	Missouri,	lb.	1851	M	0.05
		1848	M	0.04				M	0.05
		1849	M	0.06			1852	M	0.06
		1850	M	0.03			1853	M	0.06
		1851	M	0.04			1854	M	0.06
		1854	M	0.05			1855	M	0.06
		1855	M	0.05½			1856	M	0.06
		1856	M	0.05			1857	M	0.06
		1857	M	0.05			1858	H	0.08
		1858	M	0.05				L	0.06
		1859	M	0.05½			1859	H	0.08
		1860	M	0.06				L	0.06
		1861	M	0.06			1860	H	0.08
		1862	M	0.06				L	0.06
		1863	M	0.07			1861	H	0.08
		1865	M	0.10				L	0.06
		1866	M	0.08			1862	H	0.08
		1867	H	0.12				L	0.06½
			M	0.10			1863	H	0.08
			L	0.09				L	0.07
		1868	H	0.10			1864	H	0.12
			L	0.09				L	0.08
		1869	H	0.10			1865	H	0.15
			L	0.08				M	0.12
		1870	H	0.10				L	0.09
			L	0.08			1866	H	0.11
		1871	H	0.10				L	0.10
			M	0.09			1867	H	0.11
			L	0.07½				L	0.10
		1872	H	0.10			1868	M	0.10
			M	0.08			1869	M	0.10
			L	0.07			1870	H	0.12½
		1873	H	0.09				M	0.10
			L	0.07				L	0.09
		1874	H	0.09			1871	H	0.12½
			M	0.08				L	0.10
			L	0.07			1872	H	0.10
		1875	H	0.09				L	0.08
			M	0.08			1873	H	0.10
			L	0.07				L	0.08
		1876	H	0.09			1874	H	0.10
			M	0.08				L	0.08
			L	0.07			1875	H	0.10
		1877	H	0.09				L	0.08
			L	0.07			1876	H	0.10
		1878	M	0.06				L	0.08
		1879	H	0.09			1877	H	0.10
			M	0.07				L	0.07
			L	0.06			1878	H	0.08
		1880	H	0.12				L	0.07
			mh	0.10			1879	M	0.07
			M	0.08			1880	M	0.07
			ml	0.06			1889	M	0.08½
					New Jersey,	lb.	1851	M	0.08



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FISH—Con.					FISH—Con.				
Cod (SALT)—Con.					Cod (SALT)—Con.				
United States—Con.					United States—Con.				
New Jersey, . . . lb.		1852	M	\$0.08	New York, . . . lb.		1864	H	\$0.10
		1853	M	0.09				M	0.09
		1854	M	0.09				L	0.08
		1855	M	0.10			1865	H	0.12
		1856	M	0.10				mh	0.11
		1857	M	0.06				M	0.10
		1858	M	0.05				L	0.07 $\frac{1}{2}$
		1859	M	0.08			1866	H	0.10 $\frac{1}{2}$
		1860	M	0.08				mh	0.10
		1861	M	0.08				M	0.09
		1862	M	0.09				ml	0.08
		1863	M	0.10				L	0.07
		1864	M	0.10			1867	H	0.10
		1865	M	0.12				M	0.09
		1866	M	0.12				ml	0.08
		1867	H	0.11				L	0.07 $\frac{1}{2}$
			L	0.10			1868	H	0.09
		1868	M	0.10				L	0.07 $\frac{1}{2}$
		1869	H	0.11			1869	H	0.10
			L	0.10				L	0.09
		1870	M	0.10			1870	H	0.10
		1871	M	0.10				M	0.09
		1872	M	0.10				L	0.08
		1873	M	0.10			1871	H	0.09
		1874	H	0.10				M	0.08
			L	0.08 $\frac{1}{2}$				L	0.06 $\frac{1}{2}$
		1875	M	0.09			1872	H	0.10
		1876	M	0.09				M	0.09
		1877	M	0.09				L	0.08
		1878	M	0.10			1873	H	0.09
		1879	M	0.10				L	0.08
		1880	M	0.10			1874	H	0.08 $\frac{1}{2}$
		1886	H	0.20				L	0.07
			mh	0.16			1875	H	0.09
			M	0.12				M	0.08
			ml	0.07 $\frac{1}{2}$				L	0.07 $\frac{1}{2}$
			L	0.08			1876	M	0.08
New York, . . . lb.		1851	H	0.06			1877	H	0.08
			M	0.05				M	0.07
			L	0.04				L	0.05 $\frac{1}{2}$
		1852	H	0.06			1878	H	0.08
			L	0.05				mh	0.07
		1853	H	0.06				M	0.06
			M	0.05				L	0.05
			L	0.04 $\frac{1}{2}$			1879	H	0.08
		1854	H	0.06				mh	0.07
			L	0.05				M	0.06
		1855	H	0.06				L	0.05
			L	0.05			1880	H	0.08
		1856	H	0.08				M	0.07
			M	0.06				L	0.05
			L	0.05			1884	H	0.07
		1857	H	0.06				L	0.06
			M	0.05	Ohio, . . . lb.		1851	H	0.06
			L	0.04 $\frac{1}{2}$				L	0.04
		1858	H	0.07			1852	H	0.06
			mh	0.06				L	0.05
			M	0.05			1853	M	0.06
			L	0.04 $\frac{1}{2}$			1854	H	0.08
		1859	H	0.07				L	0.05
			M	0.06			1855	H	0.08
			L	0.05				L	0.06
		1860	H	0.08			1856	H	0.08
			L	0.05				L	0.06
		1861	H	0.06			1857	H	0.10
			L	0.05				L	0.05
		1862	H	0.06			1858	H	0.08
			L	0.05				M	0.06
		1863	H	0.07				L	0.05
			L	0.06			1859	H	0.10

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FISH — Con.					FISH — Con.				
Cod (SALT) — Con.					Cod (SALT) — Con.				
United States—Con.					United States—Con.				
Ohio, . . . . lb.	1859	M	\$0.06		Pennsylvania, . . lb.	1857	M	\$0.06	
		L	0.05			1858	M	0.06	
	1860	H	0.10			1859	H	0.07	
		M	0.07 $\frac{1}{2}$				L	0.06	
		L	0.05			1860	H	0.07	
	1861	H	0.10				L	0.06	
		M	0.08			1861	H	0.06	
		L	0.05				L	0.04	
	1862	H	0.10			1862	H	0.08	
		L	0.05				M	0.05	
	1863	H	0.10				L	0.04	
		L	0.07			1863	H	0.10	
	1864	H	0.10				M	0.06	
		L	0.08				L	0.05	
	1865	H	0.12 $\frac{1}{2}$			1864	H	0.15	
		M	0.10				M	0.10	
		L	0.09				L	0.06	
	1866	H	0.12 $\frac{1}{2}$			1865	H	0.15	
		L	0.10				M	0.12	
	1867	H	0.10				L	0.07	
		L	0.08			1866	H	0.15	
	1868	M	0.10				M	0.10	
	1869	H	0.12				L	0.09	
		L	0.10			1867	H	0.12	
	1870	H	0.10				M	0.10	
		L	0.09				L	0.08	
	1871	H	0.12			1868	H	0.12	
		M	0.10				M	0.10	
		ml	0.09				L	0.08	
		L	0.08			1869	H	0.12	
	1872	H	0.12				M	0.10	
		M	0.10				L	0.09	
		ml	0.09			1870	H	0.12	
		L	0.08				M	0.10	
	1873	H	0.10				L	0.08	
		M	0.09			1871	H	0.12	
		L	0.08				M	0.10	
	1874	H	0.10				L	0.08	
		M	0.08 $\frac{1}{2}$			1872	H	0.12	
		L	0.07				L	0.08	
	1875	H	0.12 $\frac{1}{2}$			1873	H	0.12	
		M	0.10				L	0.08	
		L	0.08			1874	H	0.12	
	1876	H	0.12				L	0.08	
		M	0.10			1875	H	0.12	
		ml	0.08 $\frac{1}{2}$				M	0.08	
		L	0.07				L	0.07	
	1877	H	0.10			1876	H	0.12	
		M	0.08				M	0.10	
		L	0.06				ml	0.07 $\frac{1}{2}$	
	1878	H	0.10				L	0.06	
		M	0.08			1877	H	0.10	
		ml	0.07				M	0.07	
		L	0.06				L	0.06	
	1879	H	0.10			1878	H	0.10	
		M	0.08 $\frac{1}{2}$				L	0.06	
		ml	0.07 $\frac{1}{2}$			1879	H	0.10	
		L	0.06				M	0.08	
	1880	H	0.12 $\frac{1}{2}$				L	0.06	
		M	0.10			1880	H	0.10	
		ml	0.08				M	0.08	
		L	0.06 $\frac{1}{2}$				ml	0.06	
Pennsylvania, . . lb.	1851	H	0.06				L	0.05	
		L	0.05			1884	H	0.15	
	1852	H	0.08				mh	0.12 $\frac{1}{2}$	
		L	0.06				M	0.10	
	1853	M	0.06				ml	0.07	
	1854	M	0.06				L	0.04	
	1855	M	0.06		Tennessee, . . lb.	1851	M	0.06	
	1856	M	0.06			1855	M	0.06	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices
<b>FISH—Con.</b>					<b>FISH—Con.</b>				
<b>Cod (SALT)—Con.</b>					<b>Cod (SALT)—Con.</b>				
<i>United States—Con.</i>					<i>Foreign Countries</i>				
Tennessee, . . . lb.		1856	M	\$0.06	England, . . . lb.		1879	M	\$0.08
		1857	M	0.08			1884	M	0.08
		1863	M	0.12	France, . . . lb.		1889	H	0.13
		1864	M	0.12 $\frac{1}{2}$				L	0.11
		1865	M	0.12			1891	M	0.10
		1866	M	0.12	Guiana, . . . lb.		1889	H	0.07
		1867	M	0.12 $\frac{1}{2}$				L	0.06 $\frac{1}{2}$
		1868	M	0.12 $\frac{1}{2}$	Ireland, . . . lb.		1884	H	0.08
		1869	M	0.12				L	0.06
		1871	M	0.06	Italy, . . . lb.		1878	M	0.10
		1872	M	0.06	Japan, . . . lb.		1890	H	0.10
		1873	M	0.07				L	0.03
		1874	H	0.10	Portugal, . . . lb.		1882	M	0.08 $\frac{1}{2}$
			L	0.08	Scotland, . . . lb.		1878	M	0.05
		1875	M	0.08			1884	M	0.05
		1876	H	0.10	Spain, . . . lb.		1878	M	0.09
			L	0.08	Sweden, . . . lb.		1881	M	0.02 $\frac{1}{2}$
		1877	H	0.10	United States of				
			L	0.08	Colombia, . . . lb.		1883	M	0.02 $\frac{1}{2}$
		1878	H	0.10	Venezuela, . . . lb.		1881	H	0.09 $\frac{1}{2}$
			L	0.06				L	0.06 $\frac{1}{2}$
		1879	H	0.10	West Indies, . . lb.		1881	M	0.20
			L	0.08					
			L	0.10					
		1880	H	0.10					
			L	0.08	<b>Fish, n. s.</b>				
West Virginia, . lb.		1851	M	0.06	<i>United States.</i>				
		1852	M	0.06	Illinois, . . . lb.		1884	H	0.15
		1853	M	0.06				mh	0.12 $\frac{1}{2}$
		1854	M	0.06				M	0.10
		1855	M	0.06				ml	0.07 $\frac{1}{2}$
		1856	M	0.06				L	0.05
		1857	M	0.06	Kansas, . . . lb.		1886	M	0.06
		1858	M	0.06	Maine, . . . lb.		1866	H	0.05
		1859	M	0.06				L	0.02
		1860	M	0.06			1876	H	0.05
		1861	M	0.08				L	0.04
		1862	M	0.10				L	0.05
		1863	M	0.10			1886	M	0.05
		1864	M	0.10				M	0.06
		1865	M	0.10	Massachusetts, . lb.		1830	H	0.03
		1866	M	0.10				L	0.02
		1867	M	0.10			1831	H	0.06
		1868	M	0.10				M	0.03
		1869	M	0.10				L	0.02
		1870	M	0.10			1832	H	0.06
		1871	M	0.10				M	0.03
		1872	M	0.10				L	0.02
		1873	M	0.10			1833	M	0.02
		1874	M	0.10			1834	M	0.02
		1875	M	0.10			1835	M	0.06
		1876	M	0.08			1836	M	0.08
		1877	M	0.08			1837	H	0.09
		1878	M	0.08				L	0.05
		1879	M	0.07			1839	M	0.05
		1880	M	0.07			1840	H	0.16
Wisconsin, . . . lb.		1880	M	0.08				M	0.06
		1881	M	0.10				L	0.04
		1882	M	0.10			1841	H	0.16
		1883	M	0.08				L	0.03
		1884	M	0.08			1842	H	0.10
								L	0.03
<i>Foreign Countries.</i>							1843	H	0.06
Brazil, . . . lb.		1882	H	0.20				M	0.03
			L	0.16				L	0.02
Canada, . . . lb.		1887	M	0.04			1844	M	0.08
Ecuador, . . . lb.		1885	H	0.22			1845	M	0.03
			L	0.18			1846	H	0.08
England, . . . lb.		1873	M	0.08				M	0.06
		1878	M	0.08				L	0.03

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
FISH — Con.					FISH — Con.				
<b>Fish, n. s. — Con.</b>					<b>Fish, n. s. — Con.</b>				
<i>United States—Con.</i>					<i>Foreign Countries</i>				
Massachusetts,	lb.	1847	H	\$0.12	England, . . .	lb.	1883	L	\$0.05
			L	0.05	France, . . .	lb.	1889	H	0.19
		1848	H	0.05				L	0.17
			L	0.03	Germany, . . .	lb.	1882	H	0.35½
		1849	H	0.08				mh	0.28
			L	0.04				M	0.21
		1850	M	0.04				ml	0.14½
		1851	M	0.04					0.07
		1852	M	0.04			1883	L	0.71½
		1854	M	0.05				mh	0.57½
		1855	M	0.05				M	0.40½
		1856	M	0.05				ml	0.23½
		1858	M	0.04				L	0.04½
		1860	M	0.04			1884	H	0.30
		1880	H	0.15				L	0.20
			mh	0.12			1886	H	0.60
			M	0.10				M	0.47
			ml	0.07				L	0.28
			L	0.04	Guiana, . . .	lb.	1889	H	0.08
		1885	H	0.15				L	0.06
			mh	0.12	Hawaiian Islands, .	lb.	1881	M	0.12
			M	0.10	Holland, . . .	lb.	1882	H	0.10½
			ml	0.07				L	0.07
			L	0.04	Italy, . . .	lb.	1882	M	0.30
		1891	H	0.20	Japan, . . .	lb.	1880	H	0.20
			mh	0.15				L	0.02
			M	0.12	Mexico, . . .	lb.	1882	H	1.00
			ml	0.08				L	0.70
			L	0.06	Sicily, . . .	lb.	1878	M	0.05
Michigan, . . .	lb.	1886	H	0.15	Venezuela, . . .	lb.	1881	M	0.13
			M	0.12	West Indies, . .	lb.	1881	M	0.07
			ml	0.10			1889	M	0.08
			L	0.08					
Minnesota, . . .	lb.	1890	H	0.12½	<b>Haddock.</b>				
			L	0.08	<i>United States.</i>				
Missouri, . . .	lb.	1871	M	0.12½	Massachusetts, .	lb.	1830	M	0.02
New Jersey, . .	lb.	1886	H	0.20			1833	M	0.02
			M	0.13			1834	M	0.03
			ml	0.10			1839	M	0.04
			L	0.07			1846	M	0.04
Pennsylvania, .	lb.	1880	M	0.09			1847	M	0.04
Wisconsin, . . .	lb.	1880	H	0.10			1818	M	0.03
			L	0.05			1880	M	0.10
		1881	H	0.10			1885	H	0.12
			L	0.05				L	0.10
		1882	H	0.12½			1891	H	0.12
			M	0.10				M	0.08
			L	0.07				ml	0.06
		1883	H	0.12½				L	0.04
			M	0.10				M	0.07
			L	0.05	Michigan, . . .	lb.	1886		
		1884	H	0.15					
			L	0.12½	<i>Foreign Countries.</i>				
<i>Foreign Countries.</i>					England, . . .	lb.	1878	H	0.06
Brazil, . . .	lb.	1882	H	0.10			1882	L	0.04
			L	0.02				H	0.06
Canada, . . .	lb.	1887	M	0.10				L	0.04
Ecuador, . . .	lb.	1883	M	0.05	<b>Halibut.</b>				
England, . . .	lb.	1878	H	0.28	<i>United States.</i>				
			mh	0.24	Massachusetts, .	lb.	1830	M	0.04
			M	0.20			1831	M	0.04
			L	0.05			1832	M	0.05
		1882	H	0.28			1833	M	0.05
			L	0.20			1834	M	0.05
		1883	H	0.22			1835	M	0.05
			mh	0.20			1836	H	0.06
			M	0.14				L	0.03
			ml	0.08					



GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.					ARTICLES, STATES, AND COUN- TRIES.				
	Bas- sis	Year	Grade	Prices		Bas- sis	Year	Grade	Prices
FISH — Con.					FISH — Con.				
Halibut — Con.					Herring — Con.				
United States—Con.					Foreign Countries.				
Massachusetts,	lb.	1837	M	\$0.05	England, . . .	doz.	1882	H	\$0.48
		1838	M	0.05			1883	H	0.48
		1840	M	0.05				L	0.18
		1841	M	0.05			1885	H	0.48
		1842	H	0.07				L	0.24
			L	0.05	Germany, . . .	doz.	1878	M	0.30
		1843	M	0.04			1885	H	0.30
		1844	M	0.06				L	0.24
		1845	M	0.05			1889	H	0.36
		1846	M	0.05				L	0.18
		1847	M	0.05	Mexico, . . .	doz.	1882	M	1.50
		1849	M	0.06					
		1850	M	0.07					
		1851	M	0.06					
		1853	M	0.08	Mackerel				
		1856	M	0.12	(FRESH).				
		1857	M	0.12	United States.				
		1858	M	0.12	Illinois, . . .	lb.	1884	H	0.15
		1859	M	0.12				mh	0.12½
		1860	M	0.10				M	0.10
		1880	H	0.22				ml	0.07½
			mh	0.18				L	0.05
			M	0.15	Maine, . . .	lb.	1887	M	0.13
			L	0.07	Massachusetts,	lb.	1831	M	0.04
		1885	H	0.25			1837	M	0.07
			mh	0.20			1838	M	0.06
			M	0.16			1840	M	0.08
			ml	0.12			1842	M	0.05
			L	0.07			1843	H	0.12
		1891	H	0.25				L	0.07
			mh	0.22			1844	M	0.06
			M	0.18			1845	M	0.07
			ml	0.15			1846	M	0.07
			L	0.12			1847	M	0.07
Michigan, . . .	lb.	1886	M	0.15			1848	M	0.06
Foreign Countries.							1849	M	0.05
England, . . .	lb.	1883	H	0.20			1850	M	0.05
			L	0.12			1851	M	0.06
Herring.							1852	M	0.06
United States.							1856	M	0.08
Maryland, . . .	doz.	1885	H	0.36			1857	M	0.09
			L	0.18			1858	M	0.08
Massachusetts,	doz.	1830	M	0.08			1859	H	0.12
		1831	M	0.09				L	0.08
		1845	M	0.12			1860	M	0.08
		1847	M	0.17			1880	H	0.10
		1848	M	0.12				M	0.07
		1850	M	0.06				ml	0.05½
		1857	M	0.08				L	0.04
		1860	M	0.08			1885	H	0.10
		1880	H	0.30				mh	0.08
			mh	0.28				M	0.06
			M	0.24				ml	0.04
			ml	0.10				L	0.02½
			L	0.08			1891	H	0.15
		1885	H	0.30				mh	0.12
			mh	0.24				M	0.09
			M	0.18				ml	0.06
			ml	0.12				L	0.03
			L	0.08	Michigan, . . .	lb.	1886	H	0.10
		1891	H	0.45				L	0.05
			mh	0.36	Minnesota, . . .	lb.	1890	H	0.20
			M	0.25				mh	0.18½
			ml'	0.15				M	0.15
			L	0.07				ml	0.14
Illinois, . . .	doz.	1885	H	0.24				L	0.12½
			L	0.18	New Jersey, . . .	lb.	1878	H	0.16
								M	0.12
								L	0.08

GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FISH — CON.					FISH — CON.				
Mackerel (FRESH) — CON.					Mackerel (SALT) — CON.				
United States—Con.					United States—Con.				
Pennsylvania, . . . lb.	1875	M		\$0.12	Connecticut, . . . lb.	1873	L		\$0.10
	1878	M		0.16		1874	H		0.14
	1884	H		0.20			M		0.12
		mh		0.16			L		0.10
		M		0.12½		1875	H		0.15
		ml		0.08			M		0.12
		L		0.05			ml		0.10
	1885	H		0.40			L		0.09
		M		0.25		1876	H		0.14
		ml		0.16			mh		0.13
		L		0.05			M		0.12
							ml		0.10
Foreign Countries.							L		0.08
Mexico, . . . lb.	1882	M		0.22½		1877	M		0.10
						1878	H		0.14
							M		0.10
							L		0.08
Mackerel (SALT).						1879	H		0.15
United States.							M		0.12
California, . . . lb.	1884	H		0.15			ml		0.10
		L		0.10			L		0.08
Connecticut, . . . lb.	1851	M		0.06		1880	H		0.15
	1852	M		0.07			M		0.12
	1853	H		0.07			ml		0.10
		L		0.06			L		0.08
	1854	H		0.10	Florida, . . . lb.	1871	M		0.12½
		L		0.09		1872	M		0.12½
	1855	M		0.08		1873	M		0.12½
	1856	M		0.08		1874	M		0.12½
	1857	M		0.08		1875	M		0.12½
	1858	M		0.09		1876	M		0.12½
	1859	M		0.11		1877	M		0.12½
	1860	H		0.12½		1878	M		0.12½
		M		0.10		1879	M		0.12½
		L		0.09		1880	M		0.12½
	1861	H		0.09	Illinois, . . . lb.	1851	M		0.10
		M		0.08		1853	M		0.08
		L		0.07		1854	M		0.10
	1862	H		0.08		1856	H		0.10
		L		0.06			L		0.08
	1863	H		0.10		1857	M		0.10
		L		0.08		1858	M		0.10
	1864	H		0.16		1859	M		0.10
		M		0.12		1860	M		0.10
		L		0.11		1861	M		0.08
	1865	H		0.16		1862	M		0.12
		M		0.12		1863	M		0.15
		L		0.10		1864	M		0.15
	1866	H		0.12		1865	H		0.15
		L		0.10			L		0.12
	1867	H		0.16		1866	M		0.12½
		M		0.15		1867	M		0.12
		L		0.12		1868	M		0.12
	1868	H		0.16		1869	H		0.12
		L		0.14			L		0.03½
	1869	H		0.17		1870	M		0.12
		M		0.16		1871	M		0.12½
		L		0.12		1872	M		0.12½
	1870	H		0.20		1873	H		0.12½
		M		0.13			L		0.10
		L		0.12		1874	M		0.12½
	1871	H		0.20		1875	M		0.12½
		L		0.12		1876	M		0.12½
	1872	H		0.18			M		0.12½
		M		0.12		1877	M		0.12½
		L		0.10		1878	M		0.12½
	1873	H		0.20		1879	H		0.12½
		M		0.15			L		0.10
		ml		0.12		1880	H		0.12½
							L		0.10

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FISH — Con.					FISH — Con.				
<b>Mackerel (SALT)</b> — Con.					<b>Mackerel (SALT)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Indiana, . . . lb.		1851	M	\$0.05	Kansas, . . . lb.		1873	M	\$0.07
		1852	M	0.05			1874	M	0.07
		1853	M	0.05			1875	M	0.07
		1854	M	0.05			1876	M	0.07
		1855	M	0.06			1877	M	0.08
		1856	M	0.06			1878	M	0.08
		1857	M	0.07			1879	M	0.08
		1858	M	0.07			1880	M	0.08½
		1859	M	0.08			1885	M	0.06
		1860	M	0.08	Kentucky, . . lb.		1872	M	0.10
		1861	M	0.08			1873	M	0.10
		1862	M	0.08	Massachusetts, . lb.		1833	M	0.07
		1863	M	0.10			1847	M	0.08
		1864	M	0.15			1851	M	0.07
		1865	H	0.15			1854	M	0.11
			L	0.10			1855	M	0.14
		1866	H	0.13			1856	M	0.10
			L	0.10			1857	M	0.10
		1867	H	0.15			1858	M	0.09
			L	0.12			1859	M	0.11
		1868	H	0.13			1860	M	0.12
			L	0.08			1861	M	0.12
		1869	H	0.10			1862	M	0.10
			L	0.08			1863	M	0.12
		1870	H	0.10			1864	M	0.12
			L	0.08			1865	M	0.20
		1871	H	0.12			1866	M	0.18
			L	0.10			1867	H	0.25
		1872	M	0.10				M	0.20
		1873	H	0.12				L	0.18
			L	0.10			1868	H	0.21
		1874	H	0.13				M	0.20
			L	0.08				L	0.18
		1875	H	0.10			1869	H	0.20
			L	0.08				L	0.17
		1876	M	0.08			1870	H	0.20
		1877	H	0.08				M	0.17
			L	0.06				L	0.13
		1878	H	0.08			1871	H	0.25
			M	0.06½				M	0.20
			L	0.05				L	0.10
		1879	H	0.07			1872	H	0.23
			M	0.06½				M	0.20
			L	0.05				L	0.12½
		1880	H	0.07			1873	H	0.20
			M	0.06½				L	0.10
			L	0.05			1874	H	0.20
Iowa, . . . lb.		1861	M	0.07				L	0.10
		1862	M	0.08			1875	H	0.20
		1863	M	0.10				L	0.10
		1864	M	0.12½			1876	H	0.20
		1865	M	0.12½				M	0.12
		1866	M	0.12½				L	0.08
		1867	M	0.10			1877	H	0.15
		1868	M	0.10				L	0.08
		1869	M	0.10			1878	H	0.18
		1870	M	0.10				M	0.14
		1871	M	0.12½				L	0.08
		1872	M	0.12½			1879	H	0.20
		1873	M	0.15				M	0.10
		1874	M	0.15				L	0.08
		1875	M	0.15			1880	H	0.20
		1876	M	0.15				mh	0.16
		1877	M	0.12½				M	0.14
		1878	M	0.12½				ml	0.12
		1879	M	0.10				L	0.08
		1880	M	0.08			1885	H	0.18
Kansas, . . . lb.		1871	M	0.07				mh	0.16
		1872	M	0.07				M	0.14

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
FISH — Con.					FISH — Con.				
<b>Mackerel (SALT)</b> — Con.					<b>Mackerel (SALT)</b> — Con.				
<i>United States-Con.</i>					<i>United States-Con.</i>				
Massachusetts, . lb.	1885	ml		\$0.12	Michigan, . . . lb.	1856	L		\$0.09 $\frac{1}{2}$
		L		0.10		1857	H		0.11
	1891	H		0.20			L		0.09 $\frac{1}{2}$
		mh		0.17		1858	H		0.07
		M		0.14			L		0.05
		ml		0.10		1859	H		0.08
		L		0.07			L		0.07 $\frac{1}{2}$
Michigan, . . . lb.	1825	H		0.03		1860	H		0.09
		L		0.02 $\frac{1}{2}$			L		0.07 $\frac{1}{2}$
	1826	H		0.03		1861	H		0.07
		L		0.02			L		0.04
	1827	H		0.03		1862	H		0.08
		L		0.02			L		0.04 $\frac{1}{2}$
	1828	H		0.03		1863	H		0.09
		L		0.02			L		0.08
	1829	H		0.03		1864	H		0.14
		L		0.02			L		0.09
	1830	H		0.03		1865	H		0.12 $\frac{1}{2}$
		L		0.02 $\frac{1}{2}$			L		0.08
	1831	H		0.03		1866	H		0.13
		L		0.02 $\frac{1}{2}$			L		0.10
	1832	H		0.03		1867	H		0.11
		L		0.02			L		0.07
	1833	H		0.03 $\frac{1}{2}$		1868	H		0.11
		L		0.03			L		0.07
	1834	M		0.03		1869	H		0.14
	1835	H		0.04			L		0.11
		L		0.03		1870	H		0.15
	1836	H		0.05			L		0.13 $\frac{1}{2}$
		L		0.04		1871	H		0.13 $\frac{1}{2}$
	1837	H		0.05			L		0.06 $\frac{1}{2}$
		L		0.04		1872	H		0.12 $\frac{1}{2}$
	1838	H		0.06			L		0.05
		L		0.05		1873	H		0.12
	1839	H		0.07			L		0.06
		L		0.06		1874	H		0.11
	1840	H		0.07			L		0.04
		L		0.05 $\frac{1}{2}$		1875	H		0.12
	1841	H		0.07			L		0.03 $\frac{1}{2}$
		L		0.06		1876	H		0.11 $\frac{1}{2}$
	1842	H		0.06			L		0.06
		L		0.04		1877	H		0.07 $\frac{1}{2}$
	1843	H		0.05 $\frac{1}{2}$			L		0.04
		L		0.04		1878	H		0.10
	1844	H		0.06			L		0.04 $\frac{1}{2}$
		L		0.05		1879	H		0.10
	1845	H		0.07			L		0.06
		L		0.06		1880	H		0.10
	1846	H		0.06 $\frac{1}{2}$			L		0.05
		L		0.04		1881	H		0.13
	1847	H		0.06			L		0.08
		L		0.04		1882	H		0.11
	1848	H		0.05 $\frac{1}{2}$			L		0.05
		L		0.03 $\frac{1}{2}$		1886	M		0.12 $\frac{1}{2}$
	1849	H		0.06 $\frac{1}{2}$	Missouri, . . . lb.	1851	M		0.25
		L		0.04		1853	M		0.25
	1850	H		0.06		1854	M		0.25
		L		0.04		1858	M		0.07
	1851	H		0.06		1859	M		0.07
		L		0.04		1860	M		0.07
	1852	H		0.06		1861	M		0.08
		L		0.04		1862	M		0.08
	1853	H		0.08		1863	M		0.08
		L		0.06		1864	M		0.12
	1854	H		0.09 $\frac{1}{2}$		1865	H		0.25
		L		0.08			L		0.12
	1855	H		0.11		1866	M		0.11
		L		0.09		1867	M		0.11
	1856	H		0.11 $\frac{1}{2}$		1868	M		0.10



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FISH — Con.</b>					<b>FISH — Con.</b>				
<b>Mackerel (SALT)</b>					<b>Mackerel (SALT)</b>				
— Con.					— Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Missouri, . . . . lb.		1869	M	\$0.10	New York, . . . . lb.		1857	M	\$0.09
		1870	M	0.10			1858	L	0.07
		1871	H	0.25				H	0.12
			L	0.10				L	0.08
		1872	M	0.08			1859	H	0.12
		1873	M	0.08				M	0.10
		1874	M	0.08				ml	0.08
		1875	M	0.08				L	0.07
		1876	M	0.08			1860	H	0.12
		1877	M	0.07				M	0.10
		1878	M	0.07				L	0.07
		1879	H	0.10			1861	H	0.10
			L	0.07				M	0.08
		1880	H	0.10				L	0.07
			L	0.07			1862	H	0.10
New Jersey, . . lb.		1851	M	0.10				M	0.08
		1852	M	0.12				L	0.07
		1853	M	0.12			1863	H	0.12
		1854	M	0.14				M	0.10
		1855	M	0.15				L	0.08
		1856	M	0.15			1864	H	0.16
		1857	M	0.15				M	0.12
		1858	M	0.14				L	0.09
		1859	M	0.15			1865	M	0.12½
		1860	M	0.16			1866	H	0.23
		1861	M	0.16				mh	0.15
		1862	M	0.18				M	0.12
		1863	M	0.17				L	0.02½
		1864	M	0.17			1867	H	0.16½
		1865	M	0.18				mh	0.15
		1866	M	0.18				M	0.14
		1867	H	0.16				L	0.10
			L	0.14			1868	H	0.15
		1868	M	0.16				M	0.12½
		1869	H	0.16				L	0.10
			L	0.15			1869	H	0.17
		1870	H	0.18				mh	0.16
			L	0.08				M	0.15
		1871	M	0.16				L	0.10
		1872	M	0.16			1870	H	0.20
		1873	M	0.18				M	0.15
		1874	H	0.18				L	0.10
			L	0.12½			1871	H	0.18
		1875	M	0.18				mh	0.16
		1876	M	0.16				M	0.12½
		1877	M	0.16				L	0.10
		1878	M	0.16			1872	H	0.16
		1879	M	0.16				M	0.12
		1880	M	0.16				L	0.10
New York, . . . lb.		1851	H	0.12			1873	H	0.16
			M	0.08				mh	0.15
			L	0.06				M	0.14
		1852	H	0.12				L	0.10
			M	0.08			1874	H	0.16
			L	0.06½				M	0.14
		1853	H	0.12				ml	0.12
			M	0.08				L	0.10
			L	0.09½			1875	H	0.16
		1854	H	0.12				mh	0.15
			M	0.09				M	0.12½
			ml	0.08				L	0.10
			L	0.07			1876	H	0.16
		1855	H	0.12				mh	0.15
			M	0.09				M	0.12½
			ml	0.08				L	0.10
			L	0.06			1877	H	0.16
		1856	H	0.12				mh	0.15
			L	0.06				M	0.12½
		1857	H	0.12				L	0.10

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FISH — Con.					FISH — Con.				
<b>Mackerel (SALT)</b> — Con.					<b>Mackerel (SALT)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
New York, . . . lb.	1878	H	\$0.20		Ohio, . . . lb.	1871	ml	\$0.10	
		mh	0.16				L	0.08	
		M	0.15			1872	H	0.20	
		ml	0.10				M	0.10	
		L	0.08				L	0.08	
	1879	H	0.20			1873	H	0.22	
		mh	0.16				M	0.12	
		M	0.15				ml	0.10	
		ml	0.10				L	0.08	
		L	0.08			1874	H	0.20	
	1880	H	0.25				M	0.12	
		M	0.16				ml	0.10	
		ml	0.12½				L	0.08	
		L	0.09			1875	H	0.18	
Ohio, . . . lb.	1851	H	0.08				M	0.12	
		L	0.06				ml	0.10	
	1852	H	0.08				L	0.08	
		L	0.06			1876	H	0.20	
	1853	H	0.09				M	0.10	
		L	0.06				ml	0.09	
	1854	H	0.09				L	0.07	
		L	0.06			1877	H	0.22	
	1855	M	0.08				M	0.12	
	1856	H	0.10				ml	0.10	
		L	0.08				L	0.08	
	1857	H	0.09			1878	H	0.13	
		L	0.08				M	0.10	
	1858	H	0.10				L	0.08	
		L	0.08			1879	H	0.12½	
	1859	H	0.10				M	0.10	
		M	0.09				L	0.08	
		L	0.08			1880	H	0.18	
	1860	H	0.10				M	0.12½	
		L	0.08				ml	0.08	
	1861	H	0.10				L	0.06	
		L	0.05		Pennsylvania, . . lb.	1851	H	0.07	
	1862	H	0.12				L	0.05	
		M	0.08			1852	H	0.10	
		L	0.06				L	0.05	
	1863	H	0.12			1853	H	0.08	
		M	0.10				L	0.05	
		L	0.07			1854	H	0.11	
	1864	H	0.25				L	0.05	
		M	0.10½			1855	H	0.12	
		L	0.08				L	0.05	
	1865	H	0.22			1856	H	0.12	
		M	0.12				L	0.05	
		L	0.10			1857	H	0.10	
	1866	H	0.25				L	0.05	
		M	0.12			1858	H	0.09	
		L	0.10				L	0.05	
	1867	H	0.20			1859	H	0.14	
		M	0.12				L	0.05	
		ml	0.10			1860	H	0.13	
		L	0.09				L	0.05	
	1868	H	0.18			1861	H	0.10	
		M	0.12½				M	0.08	
		ml	0.10				L	0.05	
		L	0.08			1862	H	0.13	
	1869	H	0.20				M	0.09	
		M	0.15				L	0.07	
		ml	0.10			1863	H	0.16	
		L	0.08				L	0.10	
	1870	H	0.14			1864	H	0.18	
		M	0.10				L	0.14	
		L	0.08			1865	H	0.20	
	1871	H	0.21				L	0.15	
		M	0.12			1866	H	0.18	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FISH — Con.</b>					<b>FISH — Con.</b>				
<b>Mackerel (SALT)</b>					<b>Mackerel (SALT)</b>				
— Con.					— Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Pennsylvania, .	lb.	1866	L	\$0.15	Tennessee, .	lb.	1877	H	\$0.10
		1867	H	0.18				M	0.08
			M	0.16				L	0.05
			L	0.12			1878	H	0.10
		1868	H	0.20				M	0.08
			M	0.16				L	0.06 $\frac{1}{2}$
			L	0.12			1879	H	0.10
		1869	H	0.20				M	0.08
			M	0.18				L	0.06
			L	0.11			1880	H	0.10
		1870	H	0.23				M	0.08
			M	0.18				L	0.06
			L	0.12	West Virginia, .	lb.	1881	M	0.05
		1871	H	0.23			1882	M	0.05
			M	0.18			1883	M	0.05
			L	0.12			1884	M	0.05
		1872	H	0.17			1885	M	0.05
			L	0.12			1886	M	0.05
		1873	H	0.17			1887	M	0.05
			L	0.12			1888	M	0.05
		1874	H	0.16			1889	M	0.05
			L	0.12			1890	M	0.04
		1875	H	0.16			1891	M	0.06
			L	0.12			1892	M	0.08
		1876	H	0.18			1893	M	0.08
			mh	0.14			1894	M	0.08
			M	0.12 $\frac{1}{2}$			1895	M	0.08
			ml	0.10			1896	M	0.08
			L	0.07			1897	M	0.07
		1877	H	0.18			1898	M	0.07
			M	0.12 $\frac{1}{2}$			1899	M	0.07
			L	0.07			1870	M	0.07
		1878	H	0.18			1871	M	0.08
			mh	0.15			1873	M	0.08
			M	0.12 $\frac{1}{2}$			1874	M	0.08
			L	0.07			1875	M	0.09
		1879	H	0.16			1876	M	0.08
			mh	0.15			1877	M	0.08
			M	0.12			1878	M	0.08
			ml	0.08			1879	M	0.08
			L	0.06			1880	M	0.08
		1880	H	0.16	<i>Foreign Countries.</i>				
			M	0.12 $\frac{1}{2}$	West Indies, .	lb.	1881	M	0.20
			ml	0.08					
			L	0.05					
		1885	M	0.07	<b>Salmon.</b>				
		1886	M	0.22	<i>United States.</i>				
Tennessee, .	lb.	1881	M	0.05	Kansas, .	lb.	1885	M	0.12 $\frac{1}{2}$
		1885	M	0.06	Massachusetts, .	lb.	1881	M	0.20
		1886	M	0.06			1840	M	0.23
		1887	M	0.08			1842	M	0.18
		1863	M	0.12			1843	M	0.20
		1864	M	0.12 $\frac{1}{2}$			1844	M	0.08
		1865	M	0.12			1845	M	0.27
		1866	M	0.12			1846	M	0.23
		1867	M	0.12 $\frac{1}{2}$			1847	M	0.16
		1868	M	0.08			1848	M	0.23
		1869	M	0.12			1849	M	0.20
		1871	H	0.20			1850	M	0.32
			L	0.08			1856	M	0.12
		1872	H	0.17			1858	M	0.12
			L	0.08			1859	M	0.12
		1873	H	0.19			1860	M	0.12
			L	0.08			1891	H	0.50
		1874	H	0.10				M	0.40
			L	0.08				L	0.30
		1875	M	0.08				H	1.00
		1876	H	0.12	Michigan, .	lb.	1886	H	0.30
			L	0.08				L	0.30

GRADED PRICES—Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FISH — Con.					FOOD PRODUCTS				
Salmon — Con.					— Con.				
Foreign Countries.					Apples (DRIED)				
England, . . . . lb.	1878	M		\$0.32	— Con.				
	1882	H		0.60	United States—Con.				
		M		0.40	Maine, . . . . lb.	1878	M		\$0.18
		ml		0.32		1887	M		0.10
		L		0.20		1888	M		0.14
	1883	H		0.40	Maryland, . . lb.	1885	M		0.08
		L		0.20	Massachusetts, . lb.	1830	M		0.05
France, . . . . lb.	1891	M		0.70		1831	H		0.06
						1831	L		0.03
						1832	M		0.07
FOOD PRODUCTS.						1833	M		0.08
Allspice.						1835	M		0.07
United States.						1837	M		0.06
Massachusetts, . lb.	1830	H		0.32		1838	M		0.08
		L		0.25		1839	M		0.07
	1832	M		0.40		1843	M		0.04
	1833	M		0.25		1845	M		0.06
	1835	M		0.40		1846	M		0.06
	1836	H		0.48		1847	M		0.06
		L		0.25		1848	M		0.06
	1837	M		0.20		1849	M		0.06
	1839	M		0.24		1850	H		0.13
	1840	H		0.48			L		0.05
		L		0.20		1851	M		0.07
	1842	M		0.20		1852	M		0.08
	1845	M		0.21		1855	M		0.12
	1846	H		0.24		1856	M		0.09
		L		0.20		1857	M		0.17
	1847	M		0.24		1858	M		0.11
	1848	M		0.23		1859	M		0.12
	1849	M		0.24		1880	H		0.18
	1850	M		0.24			mh		0.15
	1851	M		0.24			M		0.12
	1854	M		0.22			ml		0.09
	1855	M		0.23			L		0.06
	1856	M		0.22			H		0.18
	1857	M		0.24			mh		0.15
	1858	M		0.24			M		0.12
	1860	M		0.23			ml		0.09
Minnesota, . . lb.	1890	H		0.40			L		0.06
		L		0.25			1891	H	0.25
Missouri, . . . lb.	1889	M		0.40			mh		0.22
New Jersey, . . lb.	1878	M		0.64			M		0.18
Wisconsin, . . lb.	1880	M		0.25	Minnesota, . . lb.	1890	H		0.12
	1881	M		0.25			L		0.08
	1882	M		0.25	Missouri, . . . lb.	1889	M		0.03
	1883	M		0.20	New Jersey, . . lb.	1886	H		0.18
	1884	M		0.20			M		0.12
							ml		0.08
Foreign Countries.							L		0.04
Turkey, . . . . lb.	1881	M		0.13			M		0.06
							1881	M	0.10
Apples (DRIED).							1882	M	0.10
United States.							1883	M	0.10
Connecticut, . . lb.	1860	H		0.14			1884	M	0.05
		L		0.10	Foreign Countries.				
	1887	M		0.15	England, . . . . lb.	1882	H		0.12
Illinois, . . . . lb.	1884	H		0.20			L		0.02
		mh		0.15		1883	H		0.12
		M		0.12½			M		0.04
		ml		0.08			L		0.02
		L		0.04	France, . . . . lb.	1891	M		0.07
Kansas, . . . . lb.	1885	H		0.10	Germany, . . . lb.	1886	M		0.16
		L		0.07		1889	H		0.20
							M		0.12½
Maine, . . . . lb.	1858	M		0.10			L		0.06¼
	1863	M		0.23	Mexico, . . . . lb.	1883	M		0.25
					Prussia, . . . . lb.	1882	M		0.12

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Baking Powder.</b>					<b>Baking Soda</b> — Con.				
<i>United States.</i>					<i>United States—Con.</i>				
Illinois, . . . .	lb.	1884	H	\$0.60	Massachusetts, . .	lb.	1848	L	\$0.06
			mh	0.50			1849	H	0.09
			M	0.40				L	0.06
			ml	0.30			1850	H	0.11
			L	0.20				M	0.09
Massachusetts, . .	lb.	1891	H	0.60				L	0.06
			M	0.40			1851	H	0.11
			ml	0.30				L	0.07
			L	0.20			1852	H	0.12
Minnesota, . . . .	lb.	1890	H	0.47				L	0.08
			mh	0.42			1854	H	0.12
			M	0.25				M	0.08
			ml	0.20				L	0.06
			L	0.15			1855	M	0.11
Missouri, . . . .	lb.	1889	H	0.65			1856	M	0.07
			mh	0.50			1857	M	0.07
			M	0.45			1858	M	0.06
			ml	0.25			1859	H	0.15
			L	0.20				L	0.06
New Jersey, . . .	lb.	1886	H	0.55			1891	H	0.16
			mh	0.45				M	0.10
			M	0.30				ml	0.08
			ml	0.14				L	0.04
			L	0.05	Minnesota, . . . .	lb.	1890	H	0.07
Pennsylvania, . .	lb.	1879	M	0.35				L	0.05
					Missouri, . . . .	lb.	1889	H	0.10
								M	0.08½
								L	0.05
								M	0.15
<b>Baking Soda.</b>					<i>Foreign Countries.</i>				
<i>United States.</i>					<i>United States.</i>				
Maine, . . . . .	lb.	1858	H	0.08	California, . . . .	qt.	1884	M	0.08
			L	0.07			1888	M	0.05
		1868	M	0.12½	Colorado, . . . .	qt.	1888	H	0.37½
		1878	M	0.10				M	0.19
		1888	M	0.08				ml	0.13
Massachusetts, . .	lb.	1830	H	0.15				L	0.06½
			L	0.11			1851	M	0.08
		1831	M	0.10			1852	M	0.09
		1832	H	0.11			1853	H	0.08
			L	0.06				M	0.07
		1833	M	0.10				L	0.06
		1834	M	0.08			1854	H	0.10
		1835	M	0.11				L	0.06½
		1836	M	0.11			1855	M	0.10
		1837	H	0.10			1856	M	0.10
			L	0.06			1857	M	0.10
		1838	H	0.11			1858	M	0.10
			L	0.10			1859	M	0.06
		1839	H	0.11			1860	H	0.09
			L	0.10				M	0.08
		1840	H	0.09				L	0.06
			L	0.08			1861	H	0.09
		1841	H	0.10				M	0.08
			L	0.05				L	0.07
		1842	H	0.09			1862	H	0.11
			L	0.08				L	0.07
		1843	H	0.09			1863	H	0.12
			L	0.04				L	0.10
		1844	H	0.16			1864	H	0.11
			M	0.07					
			L	0.05					
		1845	H	0.16					
			L	0.08					
		1846	H	0.12					
			M	0.08					
			L	0.06					
		1847	M	0.08					
		1848	H	0.12					



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Beans (DRIED) — Con.					Beans (DRIED) — Con.				
United States—Con.					United States—Con.				
Connecticut, . . .	qt.	1864	L	\$0.10	Illinois, . . .	qt.	1859	M	\$0.06
		1865	H	0.13			1860	M	0.10
			L	0.09			1861	M	0.05
		1866	H	0.12			1862	M	0.08
			M	0.10			1863	M	0.12
			L	0.08			1864	M	0.12
		1867	H	0.16 $\frac{1}{2}$			1865	M	0.10
			L	0.10			1866	M	0.08
		1868	H	0.25			1867	M	0.08
			M	0.22			1868	M	0.08
			ml	0.20			1869	M	0.08
			L	0.17			1870	M	0.08
		1869	H	0.20			1871	M	0.08
			M	0.15			1872	M	0.08
			ml	0.14			1873	H	0.08
			L	0.12				L	0.06
		1870	H	0.15			1874	H	0.08
			M	0.12 $\frac{1}{2}$				L	0.06
			L	0.10			1875	H	0.10
		1871	H	0.13				L	0.08
			M	0.12			1876	H	0.08
			L	0.10				L	0.04
		1872	H	0.12			1877	H	0.08
			L	0.10				L	0.06
		1873	H	0.12			1878	H	0.09
			L	0.10				M	0.08
		1874	H	0.15				L	0.05
			mh	0.12 $\frac{1}{2}$			1879	H	0.09
			M	0.10 $\frac{1}{2}$				M	0.08
			L	0.06 $\frac{1}{2}$				L	0.05
		1875	H	0.12 $\frac{1}{2}$			1880	H	0.08
			mh	0.10				L	0.05
			M	0.08 $\frac{1}{2}$			1881	M	0.04
			ml	0.07 $\frac{1}{2}$			1884	H	0.15
			L	0.05				mh	0.12 $\frac{1}{2}$
		1876	H	0.11				M	0.10
			mh	0.10				ml	0.08
			M	0.08				L	0.05
			L	0.06	Indiana, . . .	qt.	1851	M	0.05
		1877	H	0.12			1852	M	0.05
			M	0.10			1853	M	0.05
			ml	0.09			1854	M	0.08
			L	0.08			1855	M	0.08
		1878	H	0.12			1856	M	0.08
			M	0.09			1857	M	0.10
			L	0.08			1858	M	0.10
		1879	H	0.15			1859	M	0.10
			M	0.10			1860	M	0.10
			L	0.08			1861	M	0.10
		1880	H	0.10			1862	M	0.10
			L	0.08			1863	M	0.10
		1887	M	0.12			1864	M	0.10
		1888	M	0.07			1865	M	0.10
Florida, . . .	qt.	1866	M	0.15			1866	H	0.12
		1867	M	0.15				L	0.10
		1868	M	0.10			1867	M	0.13
		1869	M	0.10			1868	M	0.13
		1871	M	0.12 $\frac{1}{2}$			1869	H	0.12
		1872	M	0.15				L	0.10
		1873	M	0.12 $\frac{1}{2}$			1870	H	0.12
		1876	M	0.10				L	0.10
		1877	M	0.10			1871	H	0.12
		1878	M	0.10				L	0.10
		1879	M	0.08			1872	H	0.12
		1880	M	0.08				L	0.10
Illinois, . . .	qt.	1856	M	0.06			1873	H	0.12
		1857	M	0.05				L	0.10
		1858	M	0.05			1874	H	0.12

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Beans (DRIED) — Con.					Beans (DRIED) — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Indiana, . . . . .	qt.	1874	L	\$0.10	Massachusetts, . . . . .	qt.	1834	H	\$0.09½
		1875	H	0.12			1835	L	0.04
			L	0.10			1837	M	0.09
		1876	M	0.10			1837	H	0.09½
		1877	M	0.10			1838	L	0.06
		1878	M	0.10			1838	H	0.09
		1879	M	0.10			1839	L	0.07½
		1880	M	0.10			1839	H	0.09½
		1888	M	0.04½			1840	L	0.08
Iowa, . . . . .	qt.	1861	M	0.10			1840	M	0.10
		1862	M	0.10			1841	H	0.08
		1863	M	0.12			1841	L	0.06½
		1864	M	0.12			1842	H	0.07
		1865	M	0.12½			1842	L	0.05½
		1866	M	0.12½			1843	H	0.07
		1867	M	0.12½			1843	L	0.05
		1868	M	0.15			1844	M	0.06½
		1869	M	0.15			1845	M	0.06
		1870	M	0.12½			1846	M	0.06½
		1871	M	0.10			1847	H	0.06½
		1872	M	0.10			1847	M	0.05½
		1873	M	0.12			1848	L	0.03½
		1874	M	0.15			1848	M	0.06
		1875	M	0.15			1849	M	0.06½
		1876	M	0.12			1850	M	0.06½
		1877	M	0.20			1851	H	0.07
		1878	M	0.15			1851	M	0.06
		1879	M	0.15			1852	H	0.05
		1880	M	0.20			1852	M	0.08
		1885	M	0.10			1853	M	0.07
		1887	H	0.15			1853	L	0.06
			mh	0.12½			1854	H	0.07
			M	0.09			1854	L	0.06
			ml	0.06			1855	M	0.08
			L	0.03			1855	L	0.07
Kansas, . . . . .	qt.	1888	M	0.04			1856	M	0.06
		1871	M	0.10			1856	H	0.10
		1872	M	0.10			1857	L	0.08
		1873	M	0.10			1857	M	0.09
		1874	M	0.12			1858	H	0.08
		1875	M	0.10			1858	M	0.07
		1876	M	0.10			1859	L	0.09
		1877	M	0.10			1859	H	0.07
		1878	M	0.10			1860	M	0.12
		1879	M	0.10			1860	L	0.09½
		1880	M	0.10			1861	M	0.08
		1888	M	0.11½			1861	L	0.06
Maine, . . . . .	qt.	1858	M	0.06½			1862	H	0.10
		1865	M	0.12			1862	L	0.06
		1867	M	0.14			1863	H	0.12
		1868	M	0.09½			1863	M	0.11
		1872	M	0.14			1864	L	0.09
		1877	M	0.12			1864	H	0.12½
		1878	M	0.05½				L	0.09
		1882	M	0.10					
		1887	M	0.08					
		1888	M	0.10					
		1889	H	0.16					
			M	0.12½					
			L	0.10					
Maryland, . . . . .	qt.	1885	M	0.10					
Massachusetts, . . . . .	qt.	1830	H	0.08½					
			L	0.03					
		1831	H	0.06½					
			L	0.04½					
		1832	H	0.05					
			L	0.03½					

## GRADED PRICES—Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Beans (DRIED) — Con.					Beans (DRIED) — Con.				
United States—Con.					United States—Con.				
Massachusetts, . . . qt.		1865	H	\$0.13	Missouri, . . . qt.		1851	M	\$0.06 $\frac{1}{4}$
			M	0.10			1852	M	0.06 $\frac{1}{4}$
			L	0.07			1853	M	0.05
		1866	H	0.12			1854	M	0.06 $\frac{1}{2}$
			L	0.09			1855	M	0.07 $\frac{1}{2}$
		1867	H	0.15			1856	M	0.10
			L	0.10			1857	M	0.10
		1868	H	0.22			1858	M	0.10
			M	0.18				H	0.08
			L	0.13				L	0.08 $\frac{1}{2}$
		1869	H	0.18			1859	H	0.10
			M	0.15				L	0.06 $\frac{1}{4}$
			L	0.13			1860	H	0.10
		1870	H	0.12 $\frac{1}{2}$				L	0.05
			L	0.08			1861	H	0.10
		1871	H	0.12 $\frac{1}{2}$				L	0.05
			L	0.09			1862	H	0.10
		1872	H	0.14				L	0.06
			M	0.12			1863	M	0.10
			L	0.09			1864	H	0.15
		1873	H	0.15				L	0.10
			M	0.12			1865	H	0.15
			L	0.09				L	0.08
		1874	H	0.15			1866	H	0.12
			M	0.12 $\frac{1}{2}$				L	0.08
			L	0.09			1867	H	0.15
		1875	H	0.10				L	0.12
			M	0.09			1868	M	0.12
			L	0.07			1869	H	0.12
		1876	H	0.08				L	0.10
			L	0.05			1870	H	0.12
		1877	H	0.14				M	0.10
			M	0.12				L	0.07 $\frac{1}{2}$
			L	0.07			1871	M	0.10
		1878	H	0.10			1872	H	0.11
			L	0.08				L	0.06 $\frac{1}{4}$
		1879	H	0.09			1873	M	0.10
			M	0.08			1874	H	0.10
			L	0.06				L	0.08
		1880	H	0.15			1875	H	0.10
			mh	0.12				L	0.08
			M	0.09			1876	H	0.10
			ml	0.06				L	0.08
			L	0.03 $\frac{3}{4}$			1877	H	0.08
		1885	H	0.12				L	0.06 $\frac{1}{4}$
			mh	0.10			1878	H	0.10
			M	0.08				M	0.08
			L	0.03 $\frac{3}{4}$				L	0.06
		1888	M	0.10			1879	H	0.08
		1891	H	0.17				L	0.05
			mh	0.14			1880	H	0.08
			M	0.11				L	0.05
			ml	0.08			1887	M	0.09
			L	0.04 $\frac{1}{2}$			1889	H	0.11
Michigan, . . . qt.		1885	H	0.12 $\frac{1}{2}$				M	0.09 $\frac{3}{4}$
			mh	0.10				ml	0.05 $\frac{3}{4}$
			M	0.07 $\frac{1}{2}$				L	0.03
			ml	0.04 $\frac{1}{2}$	Nebraska, . . . qt.		1888	M	0.09
			L	0.02	New Jersey, . . . qt.		1851	M	0.08
		1886	H	0.13			1852	M	0.08
			L	0.10			1853	M	0.10
		1888	M	0.08			1854	M	0.10
Minnesota, . . . qt.		1888	M	0.10 $\frac{1}{2}$			1855	M	0.10
		1890	H	0.12 $\frac{1}{2}$			1856	M	0.08
			M	0.09			1857	M	0.10
			ml	0.08			1858	M	0.08
			L	0.07			1859	M	0.08

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Beans (DRIED) — Con.					Beans (DRIED) — Con.				
United States—Con.					United States—Con.				
New Jersey, . . . qt.		1860	M	\$0.10	New York, . . . qt.		1868	H	\$0.12
		1861	M	0.10				L	0.10
		1862	M	0.10			1869	H	0.12
		1863	M	0.10				L	0.10
		1864	M	0.10			1870	H	0.10
		1865	M	0.10				L	0.08
		1866	M	0.12			1871	H	0.12
		1867	H	0.13				M	0.10
			L	0.10				L	0.06½
		1868	M	0.10			1872	H	0.12
		1869	H	0.12				M	0.10
			L	0.10				L	0.06½
		1870	M	0.10			1873	H	0.12
		1871	M	0.10				M	0.10
		1872	M	0.10				L	0.07
		1873	M	0.10			1874	H	0.12
		1874	H	0.11½				L	0.10
			L	0.10				L	0.07½
		1875	M	0.10			1875	H	0.12
		1876	M	0.10				mh	0.10
		1877	M	0.10				M	0.08
		1878	M	0.10				L	0.05
		1879	M	0.10			1876	H	0.10
		1880	M	0.10				M	0.06
		1886	H	0.12				L	0.03
			mh	0.10			1877	H	0.15
			M	0.09				M	0.10
			ml	0.07				L	0.06
			L	0.05			1878	H	0.10
New York, . . . qt.		1851	H	0.08				M	0.08
			M	0.06				L	0.05
			L	0.05			1879	H	0.10
		1852	H	0.08				M	0.08
			M	0.06				L	0.04
			L	0.05			1880	H	0.10
		1853	H	0.08				M	0.08
			M	0.06				L	0.04
			L	0.05			1884	H	0.10
		1854	H	0.08				L	0.07
			L	0.06			1887	M	0.07
		1855	H	0.08	Ohio, . . . qt.		1851	H	0.06
			L	0.05				L	0.03
		1856	H	0.08			1852	H	0.06½
			M	0.07				L	0.03
			L	0.05			1853	H	0.06
		1857	H	0.08				L	0.03
			M	0.06			1854	H	0.06
			L	0.05				M	0.05
		1858	H	0.08				L	0.04
			L	0.06			1855	H	0.07
		1859	H	0.08				L	0.04
			L	0.06			1856	H	0.06½
		1860	H	0.10				L	0.05
			L	0.05			1857	H	0.08
		1861	M	0.08				M	0.07
		1862	M	0.08				L	0.05
		1863	H	0.10			1858	H	0.10
			L	0.08				M	0.06½
		1864	H	0.12				L	0.04
			L	0.09			1859	H	0.10
		1865	H	0.12				L	0.05
			M	0.10			1860	H	0.12½
			L	0.07				L	0.05
		1866	H	0.12			1861	H	0.06
			L	0.10				M	0.05
		1867	H	0.17				L	0.03
			M	0.12			1862	H	0.07
			L	0.10				L	0.05

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	-Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Beans (DRIED) — Con.					Beans (DRIED) — Con.				
United States—Con.					United States—Con.				
Ohio, . . . . . qt.		1863	H	\$0.11	Ohio, . . . . . qt.		1888	M	\$0.05
			M	0.08	Pennsylvania, . . . qt.		1851	M	0.07
			L	0.05			1852	M	0.07
		1864	H	0.10			1853	M	0.07
			L	0.08			1854	H	0.08
		1865	H	0.10				L	0.06
			M	0.08			1855	H	0.08
			L	0.05				L	0.06
		1866	H	0.10			1856	H	0.10
			L	0.08				L	0.06
		1867	H	0.10			1857	H	0.10
			L	0.08				L	0.06
		1868	H	0.20			1858	M	0.07
			mh	0.15			1859	M	0.07
			M	0.10			1860	M	0.07
			ml	0.08½			1861	M	0.07
			L	0.06			1862	M	0.08
		1869	H	0.19			1863	M	0.10
			mh	0.15			1864	H	0.12
			M	0.12				L	0.09
			ml	0.10			1865	H	0.18
			L	0.06				L	0.12
		1870	H	0.12			1866	H	0.18
			M	0.10				M	0.14
			L	0.05				L	0.12
		1871	H	0.10			1867	H	0.16
			M	0.09				M	0.14
			L	0.08				ml	0.12
		1872	H	0.11				L	0.11
			mh	0.10			1868	H	0.16
			M	0.09				M	0.15
			L	0.07				L	0.14
		1873	H	0.10			1869	H	0.15
			mh	0.09				M	0.13
			M	0.08½				L	0.12
			L	0.06			1870	M	0.12
		1874	H	0.10			1871	M	0.12½
			mh	0.09			1872	M	0.12½
			M	0.08½			1873	M	0.13
			L	0.05			1874	H	0.12½
		1875	H	0.10				L	0.10½
			mh	0.09			1875	H	0.12
			M	0.08½				L	0.10
			L	0.05			1876	M	0.10
		1876	H	0.10			1877	H	0.10
			mh	0.09				M	0.09
			M	0.08½				L	0.08
			L	0.05			1878	H	0.14
		1877	H	0.10				M	0.10
			mh	0.09				ml	0.09
			M	0.08				L	0.08
			L	0.06			1879	H	0.10
		1878	H	0.10				M	0.08
			mh	0.09				L	0.05
			M	0.08			1880	H	0.10
			L	0.06				M	0.09
		1879	H	0.10				L	0.07
			M	0.09			1885	H	0.20
			L	0.08				mh	0.15
		1880	H	0.10				M	0.12
			mh	0.09				ml	0.09
			M	0.08				L	0.05
			L	0.05			1886	M	0.10
		1887	H	0.12½			1888	M	0.05
			mh	0.10	Rhode Island, . . . qt.		1888	M	0.08½
			M	0.09	Tennessee, . . . qt.		1851	M	0.10
			ml	0.07			1855	M	0.10
			L	0.05			1856	M	0.10



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Beans (DRIED)</b> — Con.					<b>Beans (DRIED)</b> — Con.				
<i>United States—Con.</i>					<i>Foreign Countries</i> — Con.				
Tennessee, . . . qt.		1857	M	\$0.10	Asia, . . . qt.		1878	M	\$0.02 $\frac{1}{2}$
		1863	M	0.12 $\frac{1}{2}$			1879	M	0.02 $\frac{1}{2}$
		1864	M	0.10			1880	M	0.02 $\frac{1}{2}$
		1865	M	0.10			1881	M	0.02 $\frac{1}{2}$
		1866	M	0.10			1882	M	0.03 $\frac{1}{2}$
		1867	M	0.10			1883	M	0.03
		1868	M	0.10	Austria, . . . qt.		1878	M	0.08
		1869	M	0.10	Belgium, . . . qt.		1884	M	0.10
		1871	H	0.10	Bohemia, . . . qt.		1885	M	0.06
			L	0.08	Brazil, . . . qt.		1882	H	0.05
		1872	M	0.10				L	0.03
		1873	M	0.10	Ecuador, . . . qt.		1885	M	0.03
		1874	H	0.10	England, . . . qt.		1873	H	0.08
			L	0.05				L	0.06
		1875	M	0.10			1878	H	0.09
		1876	H	0.10				M	0.08
			L	0.05				L	0.05
		1877	H	0.10			1879	M	0.09
			L	0.05			1884	M	0.09
		1878	H	0.08	France, . . . qt.		1873	M	0.03
			L	0.05			1874	M	0.03 $\frac{1}{2}$
		1879	M	0.08			1875	M	0.02 $\frac{1}{2}$
		1880	H	0.08			1876	M	0.03
West Virginia, . . qt.			L	0.06			1877	M	0.03
		1851	M	0.07			1878	H	0.08
		1852	M	0.07				L	0.03
		1853	M	0.07			1882	H	0.18 $\frac{1}{2}$
		1854	M	0.07				L	0.15
		1855	M	0.07			1885	M	0.18 $\frac{1}{2}$
		1856	M	0.08			1889	H	0.13
		1857	M	0.08				L	0.11 $\frac{1}{2}$
		1858	M	0.08			1891	M	0.07
		1859	M	0.08	Germany, . . . qt.		1868	M	0.06
		1860	M	0.07			1869	M	0.06
		1861	M	0.10			1870	M	0.06
		1862	M	0.12			1871	M	0.06
		1863	M	0.12			1872	M	0.06
		1864	M	0.12			1873	M	0.06
		1865	M	0.12			1874	M	0.07 $\frac{1}{2}$
		1866	M	0.12			1875	M	0.07 $\frac{1}{2}$
		1867	M	0.12			1876	M	0.06
		1868	M	0.10			1877	H	0.10
		1869	M	0.10				M	0.06
		1870	M	0.10				L	0.02
		1871	M	0.08			1878	H	0.14
		1872	M	0.08				mh	0.10
		1873	M	0.08				M	0.09
		1874	M	0.08				L	0.04
		1875	M	0.08			1879	M	0.05
		1876	M	0.08			1880	M	0.05
		1877	M	0.08			1881	H	0.06
		1878	M	0.08				M	0.05
		1879	M	0.10				L	0.04
		1880	M	0.10			1882	H	0.11 $\frac{1}{2}$
Wisconsin, . . . qt.			M	0.04				M	0.08
		1881	M	0.06				L	0.05
		1882	M	0.06			1883	M	0.05
		1883	M	0.07			1884	H	0.10
		1884	M	0.07				L	0.05
		1888	M	0.05			1885	M	0.07 $\frac{1}{2}$
<i>Foreign Countries.</i>							1886	M	0.11 $\frac{1}{2}$
Asia, . . . qt.		1873	M	0.02 $\frac{1}{2}$			1887	M	0.06
		1874	M	0.02 $\frac{1}{2}$			1888	M	0.06
		1875	M	0.02 $\frac{1}{2}$			1889	H	0.09
		1876	M	0.02 $\frac{1}{2}$				L	0.07
		1877	M	0.02 $\frac{1}{2}$	Hawaiian Islands, . qt.		1881	M	0.09
					Hesse, . . . qt.		1887	M	0.06

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Beans (DRIED)</b> — Con.					<b>Beef (DRIED)</b> — Con.				
<i>Foreign Countries</i> — Con.					<i>United States—Con.</i>				
Hesse, . . . . .	qt.	1888	M	\$0.07	Massachusetts, . . .	lb.	1891	H	\$0.25
Holland, . . . . .	qt.	1882	M	0.05				L	0.20
Italy, . . . . .	qt.	1878	H	0.15	Wisconsin, . . . . .	lb.	1880	H	0.15
			mh	0.13				L	0.12
			ml	0.11 $\frac{1}{2}$			1881	H	0.16
			L	0.08 $\frac{1}{2}$				L	0.14
		1879	M	0.13			1882	M	0.17
		1884	H	0.13			1883	H	0.20
			M	0.06				L	0.18
			ml	0.05			1884	H	0.20
			L	0.03 $\frac{1}{2}$				L	0.16
		1889	M	0.02 $\frac{1}{2}$	<i>Foreign Countries.</i>				
Japan, . . . . .	qt.	1880	M	0.03 $\frac{3}{4}$	Brazil, . . . . .	lb.	1882	M	0.09 $\frac{1}{2}$
		1881	M	0.09	Mexico, . . . . .	lb.	1881	M	0.25
Mexico, . . . . .	qt.	1882	M	0.12 $\frac{1}{2}$			1883	M	0.18 $\frac{3}{4}$
		1883	M	0.09	<b>Chocolate.</b>				
Nova Scotia, . . . .	qt.	1890	M	0.06	<i>United States.</i>				
Prussia, . . . . .	qt.	1880	M	0.06	Connecticut, . . . .	lb.	1887	H	0.40
Sicily, . . . . .	qt.	1889	M	0.05 $\frac{1}{2}$				L	0.30
Spain, . . . . .	qt.	1878	H	0.12	Massachusetts, . . .	lb.	1830	M	0.16
			L	0.09			1831	M	0.20
		1879	M	0.12			1838	M	0.20
		1884	M	0.12			1843	M	0.20
		1889	M	0.07 $\frac{1}{2}$			1845	M	0.20
United States of . . .							1847	M	0.20
Colombia, . . . . .	qt.	1883	M	0.18 $\frac{3}{4}$			1849	M	0.20
Venezuela, . . . . .	qt.	1883	H	0.09			1850	M	0.20
			L	0.07 $\frac{1}{2}$			1852	M	0.20
West Indies, . . . .	qt.	1881	M	0.15			1854	M	0.20
							1855	M	0.30
<b>Beans, String</b> (CANNED).							1856	M	0.18
<i>United States.</i>							1857	M	0.25
Kansas, . . . . .	can	1885	H	0.11			1858	H	0.30
			L	0.08 $\frac{1}{2}$				L	0.22
Massachusetts, . . .	can	1880	H	0.22			1859	M	0.26
			mh	0.18			1860	M	0.23
			M	0.16			1880	H	0.65
			ml	0.13				M	0.50
			L	0.10				ml	0.42
		1885	H	0.20				L	0.36
			mh	0.18			1885	H	0.60
			M	0.16				M	0.45
			ml	0.13				ml	0.40
			L	0.10				L	0.35
		1891	H	0.25			1891	H	0.60
			mh	0.20				mh	0.50
			M	0.16				M	0.42
			ml	0.12				ml	0.33
			L	0.08				L	0.25
Missouri, . . . . .	can	1889	H	0.10	Minnesota, . . . . .	lb.	1890	H	0.80
			M	0.08 $\frac{1}{2}$				mh	0.70
			L	0.05				M	0.50
New Jersey, . . . .	can	1886	H	0.20				ml	0.40
			mh	0.15				L	0.25
			M	0.12	Pennsylvania, . . .	lb.	1878	M	0.45
			ml	0.10			1886	M	0.40
			L	0.07	<i>Foreign Countries.</i>				
<b>Beef (DRIED).</b> <i>United States.</i>					Mexico, . . . . .	lb.	1882	H	1.00
Connecticut, . . . .	lb.	1860	M	0.14				L	0.25
		1887	M	0.22			1883	M	0.50

## GRADED PRICES—Continued.

ARTICLES, STATES, AND COUN- TRIES.					Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.					Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.									FOOD PRODUCTS — Con.								
Cinnamon.									Cloves — Con.								
United States.									United States—Con.								
Massachusetts,	lb.	1830	M	\$0.33					Massachusetts,	lb.	1856	H	\$0.48				
		1832	M	0.25								L	0.38				
		1834	M	0.32						1857	H	0.47					
		1835	M	0.25							M	0.46					
		1837	M	0.36							L	0.34					
		1838	M	0.35						1858	H	0.47					
		1839	M	0.35							L	0.39					
		1840	M	0.32						1859	H	0.39					
		1841	M	0.48							L	0.20					
		1847	M	0.24						1860	M	0.40					
		1850	M	0.50						1891	H	0.30					
Minnesota,	lb.	1890	M	0.35							M	0.25					
Missouri,	lb.	1889	H	0.60							L	0.20					
			L	0.40					Minnesota,	lb.	1890	M	0.40				
New Jersey,	lb.	1878	M	0.80					Missouri,	lb.	1889	M	0.60				
Pennsylvania,	lb.	1879	H	0.80					New Jersey,	lb.	1878	M	0.80				
			L	0.50					Wisconsin,	lb.	1880	M	0.40				
Wisconsin,	lb.	1880	M	0.30							1881	M	0.40				
		1881	M	0.33							1882	M	0.40				
		1882	M	0.30							1883	M	0.30				
		1883	M	0.30							1884	M	0.30				
		1884	M	0.25					Foreign Countries.								
Foreign Countries.									Turkey, . . . lb.								
Turkey,	lb.	1881	H	0.14						1881	H	0.36					
			L	0.09½							L	0.32					
United States of Colombia, . . lb.									Cocoa.								
		1883	M	0.40					United States.								
Cloves.									Maine, . . . lb.								
United States.											1858	M	0.17				
Massachusetts,	lb.	1830	H	1.60							1868	M	0.50				
			M	1.00							1878	M	0.35				
			L	0.76							1888	M	0.30				
		1831	M	0.80					Massachusetts,	lb.	1837	M	0.25				
		1834	M	0.96							1838	M	0.25				
		1835	H	0.98							1839	H	0.24				
			M	0.48								L	0.15				
			L	0.30							1840	H	0.25				
		1837	H	0.48								L	0.13				
			L	0.40							1841	H	0.25				
		1838	M	0.50								L	0.15				
		1839	H	0.50							1842	M	0.24				
			L	0.40							1843	H	0.25				
		1840	H	0.48								L	0.15				
			L	0.40							1845	H	0.24				
		1842	H	0.48								L	0.15				
			L	0.40							1846	H	0.26				
		1843	H	0.47								L	0.15				
			L	0.41							1847	M	0.25				
		1844	M	0.48							1848	H	0.24				
		1845	H	0.46								L	0.15				
			L	0.20							1849	M	0.24				
		1846	H	0.47							1850	H	0.24				
			L	0.40								L	0.14				
		1847	H	0.48							1852	H	0.24				
			L	0.42								L	0.16				
		1848	M	0.44							1854	M	0.25				
		1849	M	0.32							1856	M	0.14				
		1850	H	0.48							1857	M	0.25				
			L	0.39							1859	M	0.26				
		1851	M	0.48							1880	H	0.75				
		1852	M	0.46								mh	0.64				
		1854	H	0.48								M	0.50				
			L	0.40								ml	0.38				
		1855	H	0.40							1885	H	0.75				
			L	0.34								mh	0.64				
												M	0.50				
												ml	0.38				

## GRADED PRICES—Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> —Con.					<b>FOOD PRODUCTS</b> —Con.				
<b>Cocoa—Con.</b>					<b>Coffee (GREEN)</b> —Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Massachusetts, . . . lb.	1885	L	\$0.25		Connecticut, . . . lb.	1874	H	\$0.50	
	1891	H	0.70				mh	0.45	
		mh	0.60				M	0.37	
		M	0.45				ml	0.30	
		ml	0.33				L	0.25	
		L	0.20			1875	H	0.70	
Minnesota, . . . lb.	1890	H	1.00				M	0.40	
		mh	0.85				ml	0.25	
		M	0.50				L	0.14	
		L	0.35			1876	H	0.38	
<i>Foreign Countries.</i>							M	0.30	
England, . . . lb.	1878	H	0.48			1877	H	0.33	
		L	0.12				L	0.30	
	1883	H	0.32			1878	H	0.33	
		L	0.24				M	0.30	
Guiana, . . . lb.	1889	M	0.18				L	0.28	
United States of						1879	H	0.42	
Colombia, . . . lb.	1883	M	1.00				L	0.25	
						1880	H	0.33	
<b>Coffee (GREEN).</b>							L	0.25	
<i>United States.</i>					Florida, . . . lb.	1866	M	0.35	
California, . . . lb.	1884	M	0.25			1867	M	0.33	
Connecticut, . . . lb.	1851	M	0.14			1868	M	0.33	
	1852	M	0.12			1869	M	0.30	
	1853	H	0.28			1871	M	0.35	
		M	0.22			1872	M	0.28	
		L	0.12			1873	M	0.25	
		L	0.12			1874	M	0.30	
	1854	H	0.25			1875	M	0.30	
		L	0.14			1876	M	0.25	
	1855	M	0.16			1877	M	0.25	
	1856	M	0.14			1878	M	0.25	
	1857	M	0.13			1879	M	0.20	
	1858	M	0.13			1880	M	0.25	
	1859	M	0.14		Illinois, . . . lb.	1851	M	0.11	
	1860	H	0.20			1852	M	0.10	
		M	0.16			1853	H	0.12	
		L	0.10				L	0.10	
	1861	H	0.18			1855	M	0.12	
		L	0.11			1856	M	0.12 $\frac{1}{2}$	
	1862	H	0.20			1857	M	0.12 $\frac{1}{2}$	
		L	0.15			1858	M	0.14	
	1863	H	0.34			1859	H	0.15	
		L	0.20				L	0.12 $\frac{1}{2}$	
	1864	H	0.40			1860	H	0.15	
		M	0.35				L	0.12 $\frac{1}{2}$	
		L	0.25			1861	H	0.20	
	1865	H	0.40				L	0.16	
		L	0.25			1862	M	0.20	
	1866	H	0.30			1863	M	0.50	
		L	0.25			1864	H	0.60	
	1867	H	0.38				L	0.50	
		M	0.35			1865	M	0.40	
		L	0.32			1866	H	0.33	
	1868	H	0.37				L	0.20	
		L	0.20			1867	M	0.20	
	1869	H	0.42			1868	H	0.28	
		L	0.35				L	0.20	
	1870	M	0.32			1869	H	0.28	
	1871	H	0.35				M	0.25	
		L	0.24				L	0.20	
	1872	H	0.32			1870	H	0.25	
		L	0.25				L	0.20	
	1873	H	0.35			1871	H	0.28	
		M	0.25				M	0.25	
		L	0.20				L	0.20	
						1872	H	0.30	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Coffee (GREEN) — Con.					Coffee (GREEN) — Con.				
United States-Con.					United States-Con.				
Illinois, . . . . lb.		1872	M	\$0.25	Iowa, . . . . lb.		1863	M	\$0.25
			L	0.20			1864	M	0.35
		1873	H	0.33			1865	M	0.35
			M	0.25			1866	M	0.30
			L	0.20			1867	M	0.30
		1874	H	0.30			1868	M	0.30
			M	0.25			1869	M	0.12 $\frac{1}{2}$
			L	0.20			1870	M	0.12 $\frac{1}{2}$
		1875	H	0.27			1871	M	0.25
			M	0.23			1872	M	0.25
			L	0.20			1873	M	0.20
		1876	H	0.25			1874	M	0.20
			M	0.20			1875	M	0.20
			L	0.16 $\frac{3}{4}$			1876	M	0.15
		1877	H	0.25			1877	M	0.15
			L	0.16 $\frac{3}{4}$			1878	M	0.15
		1878	H	0.25			1879	M	0.15
			L	0.16 $\frac{3}{4}$			1880	M	0.15
		1879	H	0.25			1885	H	0.16
			M	0.20				L	0.12 $\frac{1}{2}$
			L	0.16			1887	H	0.29
		1880	H	0.20				mh	0.24
			L	0.16				M	0.18
		1884	H	0.35				ml	0.12
			L	0.20				L	0.06
Indiana, . . . . lb.		1851	M	0.25	Kansas, . . . . lb.		1871	M	0.14
		1852	M	0.25			1872	M	0.14
		1853	M	0.25			1873	M	0.15
		1854	M	0.25			1874	M	0.14
		1855	M	0.25			1875	M	0.14 $\frac{1}{2}$
		1856	M	0.25			1876	M	0.14 $\frac{1}{2}$
		1857	M	0.25			1877	M	0.15
		1858	M	0.25			1878	M	0.15
		1859	M	0.25			1879	M	0.16 $\frac{1}{2}$
		1860	M	0.25			1880	M	0.16 $\frac{1}{2}$
		1861	M	0.25			1885	H	0.15
		1862	M	0.35				L	0.12 $\frac{1}{2}$
		1863	M	0.35	Kentucky, . . . . lb.		1872	M	0.25
		1864	M	0.40			1873	M	0.24
		1865	H	0.40			1874	M	0.22 $\frac{1}{2}$
			L	0.35			1875	M	0.20
		1866	M	0.40			1876	M	0.18 $\frac{1}{2}$
		1867	H	0.30			1877	M	0.21
			L	0.25			1880	M	0.16
		1868	H	0.30	Maryland, . . . . lb.		1851	M	0.11
			L	0.25			1852	M	0.11
		1869	H	0.30			1853	M	0.12
			L	0.25			1854	M	0.12
		1870	H	0.30			1855	M	0.12
			L	0.25			1856	M	0.13
		1871	M	0.30			1857	M	0.12
		1872	M	0.30			1858	M	0.13
		1873	H	0.33			1859	M	0.13
			L	0.30			1860	M	0.16
		1874	M	0.30			1861	M	0.16
		1875	M	0.25			1862	M	0.24
		1876	M	0.25			1863	M	0.35
		1877	M	0.25			1864	M	0.40
		1878	H	0.25			1865	M	0.35
			L	0.22 $\frac{1}{2}$			1866	M	0.30
		1879	H	0.20			1867	M	0.25
			M	0.18			1868	M	0.25
			L	0.15			1869	M	0.24
		1880	H	0.20			1870	M	0.24
			M	0.18			1871	M	0.20
			L	0.15			1872	M	0.22
Iowa, . . . . lb.		1861	M	0.08			1873	M	0.26
		1862	M	0.10			1874	M	0.23



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	*Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Coffee (GREEN) — Con.					Coffee (GREEN) — Con.				
United States—Con.					United States—Con.				
Maryland, . . lb.		1875	M	\$0.24	Massachusetts, . lb.		1891	L	\$0.17
		1876	M	0.22	Michigan, . . lb.		1885	H	0.29
		1877	M	0.20				mh	0.25
		1878	M	0.18				M	0.21
		1879	M	0.14				ml	0.17
		1880	M	0.14				L	0.13
Massachusetts, . lb.		1847	M	0.08	Minnesota, . . lb.		1890	H	0.35
		1848	M	0.10				mh	0.30
		1851	M	0.11½				M	0.27
		1852	M	0.08½				ml	0.22
		1853	M	0.09				L	0.20
		1854	M	0.10½	Missouri, . . . lb.		1851	H	0.14
		1855	M	0.10				L	0.11
		1856	M	0.11½			1852	M	0.12½
		1857	M	0.12			1853	H	0.12½
		1858	M	0.09½				L	0.10
		1859	M	0.11			1854	M	0.14
		1860	M	0.13			1855	M	0.12
		1861	M	0.14½			1856	M	0.13
		1862	H	0.23½			1857	H	0.16½
			L	0.21				L	0.13
		1863	H	0.32			1858	M	0.14
			L	0.29½			1859	H	0.16
		1864	H	0.43				L	0.13
			L	0.40			1860	H	0.22½
		1865	H	0.35				M	0.18
			L	0.31				L	0.15
		1866	H	0.28½			1861	H	0.20
			L	0.24½				L	0.18
		1867	H	0.26			1862	H	0.25
			L	0.22½				L	0.20
		1868	H	0.24½			1863	H	0.37
			L	0.20				L	0.33
		1869	H	0.22½			1864	H	0.60
			L	0.19½				L	0.35
		1870	H	0.21			1865	H	0.50
			L	0.18				L	0.40
		1871	H	0.19			1866	M	0.35
			L	0.16			1867	H	0.33½
		1872	H	0.22				L	0.30
			L	0.19½			1868	H	0.33½
		1873	H	0.24½				L	0.30
			L	0.20½			1869	H	0.30
		1874	H	0.25½				L	0.28
			L	0.21½			1870	M	0.25
		1875	H	0.23			1871	H	0.25
			L	0.18½				M	0.22
		1876	H	0.18½				L	0.20
			L	0.14			1872	H	0.30
		1877	H	0.21½				L	0.25
			L	0.14½			1873	H	0.28
		1878	M	0.23½				L	0.25
		1879	H	0.17			1874	M	0.28
			L	0.09			1875	H	0.28
		1880	H	0.28				L	0.25
			mh	0.23			1876	H	0.28
			M	0.19				L	0.22½
			ml	0.15			1877	M	0.25
			L	0.10½			1878	H	0.22
		1885	H	0.25				L	0.20
			mh	0.22			1879	H	0.20
			M	0.19				L	0.16
			ml	0.16			1880	H	0.20
			L	0.13				L	0.18
		1891	H	0.32			1889	H	0.27½
			mh	0.28				M	0.25
			M	0.24				L	0.20
			ml	0.20	New York, . . . lb.		1851	H	0.15

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Coffee (GREEN) — Con.					Coffee (GREEN) — Con.				
United States—Con.					United States—Con.				
New York, . . . lb.		1851	M	\$0.13	New York, . . . lb.		1879	H	\$0.25
			L	0.10				L	0.20
		1852	H	0.15			1880	H	0.25
			M	0.13				L	0.20
			L	0.10	Ohio, . . . lb.		1851	H	0.15
		1853	H	0.15				M	0.12½
			M	0.13				L	0.10
			L	0.10			1852	H	0.15
		1854	H	0.15				M	0.12½
			M	0.13				L	0.10
			L	0.10			1853	H	0.14
		1855	H	0.15				M	0.12
			L	0.12				L	0.10
		1856	H	0.15			1854	H	0.15
			L	0.12				M	0.13
		1857	H	0.15				L	0.10
			L	0.13			1855	H	0.15
		1858	H	0.18				M	0.12
			M	0.14				L	0.10
			L	0.12½			1856	M	0.13
		1859	H	0.20			1857	H	0.15
			mh	0.18				L	0.12½
			M	0.16			1858	H	0.16
			L	0.13				L	0.14
		1860	H	0.18			1859	H	0.16
			M	0.16				L	0.14
			L	0.13			1860	H	0.16
		1861	H	0.18				L	0.14
			L	0.16			1861	H	0.15
		1862	H	0.25				L	0.12
			L	0.20			1862	H	0.20
		1863	H	0.45				M	0.16½
			L	0.38				L	0.15
		1864	H	0.50			1863	H	0.40
			M	0.42				M	0.20
			L	0.40				L	0.15
		1865	H	0.60			1864	H	0.50
			M	0.45				L	0.25
			L	0.42			1865	H	0.55
		1866	H	0.42				M	0.40
			L	0.35				L	0.25
		1867	H	0.55			1866	H	0.50
			M	0.40				M	0.40
			ml	0.35				L	0.30
			L	0.31			1867	H	0.50
		1868	H	0.50				M	0.35
			L	0.30				L	0.30
		1869	H	0.31			1868	H	0.40
			L	0.29				M	0.30
		1870	H	0.33				ml	0.28
			L	0.30				L	0.25
		1871	H	0.30			1869	H	0.35
			L	0.25				M	0.30
		1872	H	0.45				ml	0.28
			L	0.28				L	0.25
		1873	M	0.28			1870	H	0.32
		1874	H	0.35				mh	0.30
			M	0.31½				M	0.28
			L	0.28				L	0.25
		1875	H	0.34			1871	H	0.25
			M	0.30				mh	0.23
			L	0.25				M	0.20
		1876	H	0.32				ml	0.18
			M	0.30				L	0.16
			L	0.28			1872	H	0.30
		1877	H	0.28				mh	0.25
			L	0.25				M	0.22
		1878	M	0.25				ml	0.20

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Coffee (GREEN)</b> — Con.					<b>Coffee (GREEN)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Ohio, . . . . lb.	1872	L	\$0.17		Pennsylvania, . . lb.	1865	M	\$0.45	
	1873	H	0.30				L	0.35	
		mh	0.27			1866	H	0.35	
		M	0.22				L	0.33	
	1874	L	0.17			1867	H	0.34	
		H	0.40				L	0.30	
		mh	0.33 $\frac{1}{2}$			1868	H	0.30	
		M	0.30				L	0.28	
		ml	0.25			1869	H	0.30	
		L	0.17				L	0.28	
	1875	H	0.30			1870	H	0.30	
		mh	0.25				L	0.28	
		M	0.23			1871	H	0.28	
		ml	0.20				L	0.25	
		L	0.17			1872	M	0.26	
	1876	H	0.30			1873	H	0.28	
		mh	0.27				L	0.24	
		M	0.23			1874	H	0.26 $\frac{1}{2}$	
		ml	0.20				L	0.22	
		L	0.17			1875	H	0.35	
	1877	H	0.30				L	0.22	
		mh	0.25			1876	H	0.25	
		M	0.23				M	0.22	
		ml	0.20				L	0.20	
		L	0.17			1877	H	0.22	
	1878	H	0.30				M	0.20	
		mh	0.25				L	0.18	
		M	0.22			1878	H	0.22	
		ml	0.20				M	0.20	
		L	0.17				L	0.16	
	1879	H	0.25			1879	H	0.44	
		mh	0.22				mh	0.30	
		M	0.20				M	0.28	
		ml	0.17				ml	0.20	
		L	0.15				L	0.14	
	1880	H	0.25			1880	H	0.20	
		M	0.20				M	0.18	
		ml	0.17				L	0.13	
		L	0.15		Tennessee, . . lb.	1851	M	0.12 $\frac{1}{2}$	
	1887	H	0.23			1855	M	0.15	
		mh	0.25			1856	M	0.15	
		M	0.22			1857	M	0.15	
		ml	0.18			1863	M	0.50	
		L	0.15			1864	M	0.60	
Pennsylvania, . lb.	1851	M	0.12 $\frac{1}{2}$			1865	M	0.50	
	1852	M	0.12 $\frac{1}{2}$			1866	M	0.40	
	1853	M	0.13			1867	M	0.30	
	1854	H	0.15			1868	M	0.25	
		L	0.12 $\frac{1}{2}$			1869	M	0.30	
	1855	M	0.14			1870	M	0.20	
	1856	M	0.14			1871	H	0.25	
	1857	H	0.15				L	0.20	
		L	0.12 $\frac{1}{2}$			1872	M	0.26 $\frac{1}{2}$	
	1858	H	0.15			1873	M	0.25	
		L	0.12 $\frac{1}{2}$			1874	H	0.33 $\frac{1}{2}$	
	1859	M	0.16				L	0.25	
	1860	M	0.16			1875	M	0.25	
	1861	H	0.16			1876	H	0.30	
		L	0.11				L	0.24	
	1862	H	0.20			1877	H	0.25	
		M	0.15				L	0.23	
		L	0.13			1878	H	0.25	
	1863	H	0.32				M	0.22 $\frac{1}{2}$	
		M	0.25				ml	0.20	
		L	0.17				L	0.18	
	1864	H	0.50			1879	H	0.20	
		L	0.32				L	0.15	
	1865	H	0.50			1880	H	0.20	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
<b>Coffee (GREEN)</b> — Con.					<b>Coffee (ROASTED)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Tennessee, . . . lb.	1880	M	\$0.17 $\frac{1}{2}$		Connecticut, . . . lb.	1855	M	\$0.19	
		L	0.15 $\frac{3}{4}$			1856	M	0.17	
West Virginia, . . lb.	1851	M	0.12			1857	M	0.16	
	1852	M	0.12			1858	M	0.16	
	1853	M	0.12			1859	M	0.17	
	1854	M	0.14			1860	H	0.20	
	1855	M	0.14				L	0.15	
	1856	M	0.14			1861	H	0.21	
	1857	M	0.14				M	0.17	
	1858	M	0.14				L	0.15	
	1859	M	0.14			1862	H	0.25	
	1860	M	0.12				M	0.20	
	1861	M	0.15				L	0.18	
	1862	M	0.18			1863	H	0.37	
	1863	M	0.20				M	0.25	
	1864	M	0.25				L	0.20	
	1865	M	0.25			1864	H	0.45	
	1866	M	0.20				M	0.33	
	1867	M	0.25				L	0.25	
	1868	M	0.20			1865	H	0.45	
	1869	M	0.20				L	0.28	
	1870	M	0.20			1866	H	0.35	
	1871	M	0.18				M	0.32	
	1872	M	0.18				L	0.28	
	1873	M	0.18			1867	H	0.45	
	1874	M	0.18				M	0.37	
	1875	M	0.18				L	0.30	
	1876	M	0.18			1868	H	0.40	
	1877	M	0.18				M	0.30	
	1878	M	0.18				L	0.25	
	1879	M	0.18			1869	H	0.42	
	1880	M	0.18				M	0.38	
Wisconsin, . . . lb.	1881	M	0.16				L	0.35	
	1882	M	0.15 $\frac{1}{2}$			1870	H	0.38	
	1883	M	0.11 $\frac{1}{2}$				mh	0.35	
	1884	H	0.42				M	0.33	
		L	0.10 $\frac{1}{2}$				L	0.25	
<i>Foreign Countries.</i>						1871	H	0.40	
England, . . . lb.	1873	M	0.24				M	0.33	
	1878	H	0.36				L	0.28	
		M	0.28			1872	H	0.38	
		L	0.22				M	0.35	
France, . . . lb.	1891	H	0.38 $\frac{1}{2}$				L	0.30	
		L	0.34 $\frac{1}{2}$			1873	H	0.40	
Germany, . . . lb.	1878	M	0.33				M	0.28	
	1885	M	0.38				L	0.25	
	1889	H	0.42			1874	H	0.50	
		L	0.27				mh	0.40	
Sweden, . . . lb.	1881	M	0.22				M	0.30	
Switzerland, . . . lb.	1878	M	0.30				ml	0.21	
West Indies, . . . lb.	1881	M	0.45				L	0.12	
						1875	H	0.50	
							mh	0.40	
							M	0.30	
							ml	0.16	
							L	0.10	
<b>Coffee (ROASTED).</b>						1876	H	0.30	
<i>United States.</i>							L	0.28	
California, . . . lb.	1884	M	0.35			1877	H	0.35	
	1888	M	0.20 $\frac{1}{2}$				L	0.28	
Colorado, . . . lb.	1888	H	0.42 $\frac{1}{2}$				H	0.35	
		mh	0.37 $\frac{1}{2}$			1878	H	0.35	
		M	0.31 $\frac{1}{2}$				L	0.25	
		ml	0.25			1879	H	0.30	
		L	0.20				L	0.23	
Connecticut, . . . lb.	1851	M	0.17			1880	H	0.30	
	1852	M	0.15				L	0.23	
	1853	M	0.17			1887	M	0.35	
	1854	M	0.15			1888	M	0.30	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Coffee (ROASTED)</b> — Con.					<b>Coffee (ROASTED)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Florida, . . . lb.		1874	M	\$0.40	Indiana, . . . lb.		1862	M	\$0.40
		1875	M	0.40			1863	M	0.40
		1876	M	0.33			1864	M	0.45
		1877	M	0.33			1865	H	0.45
		1878	M	0.33				L	0.40
		1879	M	0.28			1866	M	0.45
		1880	M	0.33			1867	H	0.35
Illinois, . . . lb.		1856	M	0.15				L	0.30
		1857	M	0.15			1868	H	0.35
		1858	M	0.15				L	0.30
		1859	M	0.15			1869	H	0.35
		1860	M	0.15				L	0.30
		1861	M	0.20			1870	H	0.35
		1862	M	0.22				L	0.30
		1863	M	0.52			1871	M	0.35
		1864	M	0.52			1872	M	0.35
		1865	M	0.42			1873	M	0.35
		1866	M	0.22			1874	M	0.35
		1867	M	0.22			1875	H	0.35
		1868	M	0.22				L	0.30
		1869	H	0.30			1876	H	0.35
			L	0.22				L	0.30
		1870	M	0.22			1877	H	0.35
		1871	H	0.30				L	0.30
			L	0.22			1878	M	0.30
		1872	H	0.30			1879	H	0.30
			L	0.22				L	0.25
		1873	H	0.35			1880	H	0.30
			M	0.30				L	0.25
			L	0.25			1888	M	0.25
		1874	H	0.30	Iowa, . . . lb.		1861	M	0.10
			M	0.28			1862	M	0.12
			L	0.25			1863	M	0.20
		1875	H	0.30			1864	M	0.45
			L	0.25			1865	M	0.45
		1876	H	0.30			1866	M	0.35
			M	0.23			1867	M	0.25
			L	0.20			1868	M	0.25
		1877	H	0.30			1869	M	0.15
			L	0.20			1870	M	0.15
		1878	H	0.40			1871	M	0.30
			L	0.15			1872	M	0.25
		1879	H	0.40			1873	M	0.25
			L	0.15			1874	M	0.25
		1880	H	0.25			1875	M	0.20
			M	0.20			1876	M	0.20
			L	0.18			1877	M	0.20
		1884	H	0.40			1878	M	0.20
			mh	0.35			1879	M	0.20
			M	0.30			1880	M	0.20
			ml	0.22			1885	H	0.35
			L	0.14				L	0.15
		1885	H	0.35			1887	H	0.29
			M	0.24				mh	0.25
			ml	0.20				M	0.21
			L	0.16				ml	0.17
		1888	M	0.16				L	0.13
Indiana, . . . lb.		1851	M	0.30			1888	M	0.22
		1852	M	0.30	Kansas, . . . lb.		1871	M	0.25
		1853	M	0.30			1872	M	0.25
		1854	M	0.30			1873	M	0.25
		1855	M	0.30			1874	M	0.25
		1856	M	0.30			1875	M	0.25
		1857	M	0.30			1876	M	0.25
		1858	M	0.30			1877	M	0.25
		1859	M	0.30			1878	M	0.25
		1860	M	0.30			1879	M	0.20
		1861	M	0.30			1880	M	0.20



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Coffee (ROASTED) — Con.					Coffee (ROASTED) — Con.				
United States—Con.					United States—Con.				
Kansas, . . . lb.	1882	M		\$0.20	Massachusetts, . lb.	1843	H		\$0.11
	1884	M		0.20			L		0.08
	1885	H		0.29		1844	M		0.11
		L		0.15		1845	H		0.16
	1888	M		0.30			L		0.10
Maine, . . . lb.	1883	M		0.22		1846	M		0.12
	1866	M		0.38		1847	M		0.10
	1868	M		0.40		1849	M		0.11
	1872	H		0.40		1850	M		0.13
		L		0.30		1851	M		0.14
	1876	M		0.35		1852	M		0.14
	1877	H		0.40		1854	H		0.20
		L		0.30			L		0.14
	1878	M		0.30		1855	M		0.15
	1882	H		0.35		1856	H		0.20
		L		0.20			L		0.10
	1886	M		0.36		1857	M		0.20
	1887	H		0.38		1858	H		0.17
		M		0.31			L		0.11
		L		0.28		1859	H		0.19
	1888	M		0.35			L		0.10
Maryland, . . lb.	1851	M		0.14		1860	H		0.22
	1852	M		0.14			M		0.18
	1853	M		0.15			L		0.16
	1854	M		0.15		1861	M		0.19
	1855	M		0.15		1862	M		0.25
	1856	M		0.16		1863	M		0.30
	1857	M		0.15		1864	M		0.33
	1858	M		0.16		1865	M		0.40
	1859	M		0.16		1866	M		0.55
	1860	M		0.20		1867	M		0.45
	1861	M		0.20		1868	M		0.45
	1862	M		0.30		1869	M		0.45
	1863	M		0.42		1870	M		0.35
	1864	M		0.50		1871	M		0.35
	1865	M		0.42		1872	M		0.35
	1866	M		0.36		1873	M		0.35
	1867	M		0.30		1874	M		0.35
	1868	M		0.30		1875	M		0.35
	1869	M		0.30		1876	M		0.35
	1870	M		0.30		1877	M		0.25
	1871	M		0.25		1878	M		0.25
	1872	M		0.28		1879	M		0.25
	1873	M		0.32		1880	H		0.40
	1874	M		0.28			mh		0.35
	1875	M		0.30			M		0.28
	1876	M		0.28			ml		0.21
	1877	M		0.25			L		0.17
	1878	M		0.22		1881	M		0.32
	1879	M		0.18		1885	H		0.35
	1880	M		0.18			mh		0.30
	1882	H		0.30			M		0.25
		L		0.20			ml		0.20
	1885	H		0.20			L		0.15
Massachusetts, . lb.	1830	M		0.14		1891	H		0.40
	1831	M		0.13			mh		0.35
	1832	M		0.16			M		0.32
	1833	M		0.14			ml		0.25
	1834	M		0.16			L		0.20
	1835	M		0.13	Michigan, . . lb.	1825	H		0.19
	1836	M		0.12			L		0.16
	1838	M		0.13		1826	H		0.17
	1839	M		0.14			L		0.14
	1840	H		0.16		1827	M		0.15
		L		0.12		1828	H		0.15
	1841	M		0.13			L		0.12
	1842	M		0.12		1829	M		0.13
						1830	H		0.12

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Coffee (ROASTED) — Con.					Coffee (ROASTED) — Con.				
United States—Con.					United States—Con.				
Michigan, . . . lb.		1830	L	\$0.10	Michigan, . . . lb.		1866	H	\$0.21
		1831	H	0.13				L	0.18
			L	0.10			1867	H	0.19
		1832	H	0.14				L	0.17
			L	0.12			1868	M	0.17
		1833	H	0.14			1869	H	0.13
			L	0.11				L	0.11
		1834	M	0.12			1870	H	0.13
		1835	H	0.13				L	0.11
			L	0.11			1871	H	0.17
		1836	H	0.13				L	0.12
			L	0.11			1872	H	0.19
		1837	H	0.12				L	0.16
			L	0.09			1873	H	0.23
		1838	H	0.12				L	0.19
			L	0.09			1874	H	0.28
		1839	H	0.12				L	0.16
			L	0.09			1875	H	0.21
		1840	H	0.12				L	0.17
			L	0.09			1876	H	0.20
		1841	H	0.11				L	0.16
			L	0.09			1877	H	0.21
		1842	H	0.10				L	0.15
			L	0.06			1878	H	0.19
		1843	H	0.09				L	0.14
			L	0.06			1879	H	0.17 $\frac{1}{2}$
		1844	M	0.07				L	0.13
		1845	H	0.08			1880	H	0.17
			L	0.05				L	0.11 $\frac{1}{2}$
		1846	H	0.08			1881	H	0.14 $\frac{1}{2}$
			L	0.06				L	0.10 $\frac{1}{2}$
		1847	H	0.08			1882	H	0.11 $\frac{1}{2}$
			L	0.06				L	0.07 $\frac{1}{2}$
		1848	H	0.08			1885	H	0.37
			L	0.05				mh	0.30
		1849	H	0.10				M	0.25
			L	0.05				ml	0.20
		1850	H	0.14				L	0.14
			L	0.07	Minnesota, . . . lb.		1881	M	0.32 $\frac{1}{2}$
		1851	H	0.11			1890	H	0.40
			L	0.07				mh	0.36
		1852	H	0.10				M	0.31
			L	0.07				ml	0.28
		1853	H	0.12				L	0.23
			L	0.08	Missouri, . . . lb.		1851	M	0.15
		1854	H	0.12			1852	M	0.15
			L	0.08			1853	M	0.15
		1855	H	0.12			1854	M	0.20
			L	0.08			1855	M	0.17 $\frac{1}{2}$
		1856	H	0.12			1856	M	0.20
			L	0.09			1857	M	0.20
		1857	H	0.12			1858	M	0.20
			L	0.10			1859	M	0.20
		1858	H	0.12			1860	M	0.22
			L	0.09			1861	H	0.27 $\frac{1}{2}$
		1859	H	0.13				L	0.25
			L	0.10			1862	H	0.33
		1860	H	0.15				L	0.25
			L	0.11			1863	H	0.42 $\frac{1}{2}$
		1861	H	0.17				L	0.40
			L	0.11			1864	H	0.65
		1862	H	0.33				L	0.40
			L	0.10			1865	H	0.55
		1863	H	0.33				L	0.50
			L	0.28			1866	M	0.40
		1864	H	0.52			1867	H	0.40
			L	0.33				L	0.35
		1865	M	0.22			1868	H	0.40

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Coffee (ROASTED) — Con.					Coffee (ROASTED) — Con.				
United States-Con.					United States-Con.				
Missouri, . . . lb.		1868	L	\$0.35	New Jersey, . . lb.		1882	H	\$0.35
		1869	H	0.40				mh	0.30
			L	0.32				M	0.25
		1870	H	0.33				ml	0.20
			L	0.28				L	0.15
		1871	H	0.27½			1884	M	0.30
			L	0.25			1885	M	0.30
		1872	H	0.33			1886	H	0.40
			L	0.27				mh	0.32
		1873	H	0.35				M	0.25
			L	0.27				ml	0.18
		1874	H	0.35				L	0.12
			L	0.30	New York, . . . lb.		1851	H	0.30
		1875	H	0.33				L	0.15
			L	0.30			1852	H	0.30
		1876	M	0.30				M	0.18
		1877	H	0.30				L	0.12½
			L	0.28			1853	H	0.32
		1878	H	0.40				M	0.18
			L	0.22½				L	0.14
		1879	H	0.22			1854	H	0.32
			L	0.20				M	0.18
		1880	H	0.24				L	0.13½
			L	0.22			1855	H	0.32
		1889	H	0.40				M	0.18
			mh	0.35				L	0.14
			M	0.30			1856	H	0.32
			ml	0.25				M	0.18
			L	0.20				L	0.15
Nebraska, . . . lb.		1888	M	0.27½			1857	H	0.32
New Jersey, . . lb.		1851	M	0.16				L	0.18
		1852	M	0.16			1858	H	0.32
		1853	M	0.16				M	0.20
		1854	M	0.20				L	0.18
		1855	M	0.18			1859	H	0.32
		1856	M	0.18				M	0.20
		1857	M	0.20				L	0.17
		1858	M	0.20			1860	H	0.32
		1859	M	0.20				M	0.20
		1860	M	0.20				L	0.18
		1861	M	0.23			1861	H	0.30
		1862	M	0.32				L	0.20
		1863	M	0.34			1862	H	0.30
		1864	M	0.44				L	0.25
		1865	M	0.56			1863	H	0.44
		1866	M	0.56				L	0.30
		1867	H	0.50			1864	H	0.58
			M	0.45				M	0.50
			L	0.33				L	0.32
		1868	M	0.55			1865	H	0.63
		1869	H	0.50				M	0.40
			M	0.38				L	0.35
			L	0.31			1866	H	0.62½
		1870	M	0.40				M	0.40
		1871	M	0.38				L	0.35
		1872	M	0.40			1867	H	0.40
		1873	M	0.36				L	0.35
		1874	H	0.42			1868	H	0.44
			M	0.33½				M	0.35
			L	0.25				L	0.30
		1875	M	0.42			1869	H	0.50
		1876	M	0.40				M	0.46
		1877	M	0.38				ml	0.35
		1878	H	0.36				L	0.30
			M	0.28			1870	H	0.44
			L	0.22				M	0.35
		1879	M	0.35				L	0.25
		1880	M	0.35			1871	H	0.35

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Coffee (ROASTED) — Con.					Coffee (ROASTED) — Con.				
United States—Con.					United States—Con.				
New York, . . .	lb.	1871	L	\$0.30	Ohio, . . .	lb.	1868	M	\$0.35
		1872	H	0.45			1869	L	0.20
			M	0.36				H	0.40
		1873	L	0.30				mh	0.35
			H	0.36				M	0.30
			L	0.30				L	0.20
		1874	H	0.50			1870	H	0.35
			M	0.36				M	0.28
			L	0.30				L	0.20
		1875	H	0.48			1871	H	0.30
			M	0.36				mh	0.28
			L	0.28				M	0.25
		1876	H	0.50				ml	0.22
			M	0.40				L	0.20
			ml	0.35			1872	H	0.33
			L	0.30				mh	0.30
		1877	H	0.42				M	0.28
			M	0.30				ml	0.25
			L	0.28				L	0.22
		1878	H	0.40			1873	H	0.32
			M	0.38				mh	0.30
			L	0.25				M	0.28
		1879	H	0.38				ml	0.25
			L	0.20				L	0.22
		1880	H	0.36			1874	H	0.35
			M	0.25				mh	0.32
			L	0.22				M	0.28
		1882	H	0.80				ml	0.25
			M	0.35				L	0.21
			L	0.20			1875	H	0.32
		1884	H	0.32				mh	0.30
			L	0.20				M	0.27
		1885	H	0.32				ml	0.25
			L	0.20				L	0.21
Ohio, . . .	lb.	1851	M	0.15			1876	H	0.32
		1852	M	0.15				mh	0.30
		1853	M	0.15				M	0.28
		1854	M	0.16				ml	0.25
		1855	M	0.15				L	0.21
		1856	M	0.16			1877	H	0.35
		1857	H	0.18				mh	0.30
			L	0.15				M	0.28
		1858	H	0.19				ml	0.25
			L	0.16				L	0.21
		1859	H	0.18			1878	H	0.35
			L	0.15				mh	0.31
		1860	H	0.18				M	0.27
			L	0.16				ml	0.22
		1861	H	0.20				L	0.19
			M	0.18			1879	H	0.25
			L	0.15				M	0.22
		1862	H	0.20				L	0.19
			M	0.18			1880	H	0.25
			L	0.15				M	0.22
		1863	M	0.20				L	0.19
		1864	H	0.58			1881	H	0.16½
			M	0.30				M	0.14
			L	0.20				L	0.12¾
		1865	H	0.50			1882	H	0.25
			M	0.40				mh	0.20
			L	0.20				M	0.18
		1866	H	0.60				ml	0.15
			M	0.38				L	0.12½
			L	0.25			1883	M	0.20
		1867	H	0.60			1885	H	0.30
			M	0.40				L	0.12½
			L	0.25			1887	H	0.30
		1868	H	0.50				mh	0.26

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Coffee (ROASTED) — Con.					Coffee (ROASTED) — Con.				
United States—Con.					United States—Con.				
Ohio, . . . lb.	1887	M	\$0.22	Pennsylvania, . . lb.	1881	M	\$0.27		
		ml	0.18			ml	0.24		
		L	0.15			L	0.20		
	1888	M	0.26		1882	H	0.40		
Pennsylvania, . . lb.	1851	M	0.15			mh	0.33		
	1852	M	0.15			M	0.27		
	1853	M	0.16			ml	0.21		
	1854	M	0.18			L	0.15		
	1855	M	0.17		1884	H	0.32		
	1856	M	0.17			mh	0.26		
	1857	M	0.18			M	0.22		
	1858	M	0.18			ml	0.17		
	1859	M	0.19			L	0.12		
	1860	M	0.20		1885	H	0.30		
	1861	H	0.20			mh	0.27		
		L	0.16			M	0.22		
	1862	H	0.25			ml	0.18		
		L	0.18			L	0.14		
	1863	H	0.40			M	0.27 $\frac{1}{2}$		
		L	0.22	Rhode Island, . . lb.	1863	M	0.60		
	1864	H	0.60	Tennessee, . . lb.	1864	M	0.60		
		L	0.38		1865	M	0.60		
	1865	H	0.60		1866	M	0.50		
		L	0.45		1867	M	0.40		
	1866	H	0.45		1868	M	0.30		
		L	0.40		1869	M	0.40		
	1867	H	0.45		1870	M	0.25		
		M	0.40		1871	M	0.25		
		L	0.33		1872	M	0.30		
	1868	H	0.40		1873	M	0.30		
		L	0.35			H	0.38		
	1869	H	0.40			L	0.30		
		M	0.35		1875	M	0.30		
		L	0.31		1876	H	0.35		
	1870	H	0.38			L	0.30		
		L	0.35		1877	M	0.30		
	1871	H	0.38		1878	M	0.30		
		M	0.35		1879	H	0.25		
		L	0.30			L	0.20		
	1872	H	0.38		1880	H	0.25		
		M	0.33			M	0.22 $\frac{1}{2}$		
		L	0.30			L	0.20		
	1873	H	0.35		United States (not specified), . . lb.	1881	M	0.35	
		L	0.30		West Virginia, . . lb.	1851	M	0.14	
	1874	H	0.33			1852	M	0.14	
		M	0.30			1853	M	0.14	
		L	0.28			1854	M	0.16	
	1875	H	0.35			1855	M	0.16	
		M	0.30			1856	M	0.16	
		L	0.25			1857	M	0.16	
	1876	M	0.28			1858	M	0.16	
	1877	H	0.28			1859	M	0.16	
		L	0.24			1860	M	0.14	
	1878	H	0.28			1861	M	0.20	
		M	0.25			1862	M	0.25	
		L	0.22			1863	M	0.25	
	1879	H	0.37			1864	M	0.30	
		mh	0.30			1865	M	0.30	
		M	0.28			1866	M	0.25	
		ml	0.23			1867	M	0.30	
		L	0.20			1868	M	0.25	
	1880	H	0.50			1869	M	0.25	
		mh	0.40			1870	M	0.25	
		M	0.34			1871	M	0.20	
		ml	0.26			1872	M	0.20	
		L	0.19			1873	M	0.22	
	1881	H	0.35			1874	M	0.23	
		mh	0.32						



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Coffee (ROASTED) — Con.					Coffee (ROASTED) — Con.				
United States-Con.					Foreign Countries. — Con.				
West Virginia, . . lb.	1875	M	\$0.23		Belgium, . . . lb.	1878	H	\$0.40	
	1876	M	0.28			1878	M	0.35	
	1877	M	0.26				L	0.30	
	1878	M	0.22			1879	H	0.40	
	1879	M	0.22				L	0.30	
	1880	M	0.19			1882	H	0.30	
Wisconsin, . . lb.	1888	M	0.27½				L	0.15	
						1884	H	0.40	
							M	0.30	
							L	0.16	
Foreign Countries.						1885	M	0.16	
Australia, . . lb.	1837	M	0.36		Bohemia, . . . lb.	1885	M	0.22	
	1839	M	0.36		Brazil, . . . lb.	1882	H	0.12	
	1840	M	0.32				L	0.09	
	1841	M	0.32		Canada, . . . lb.	1878	M	0.40	
	1842	M	0.32			1882	H	0.50	
	1843	M	0.20				M	0.40	
	1844	M	0.17				L	0.25	
	1845	M	0.15			1887	H	0.20	
	1846	M	0.20				L	0.15	
	1847	M	0.26		China, . . . lb.	1889	M	0.35	
	1848	M	0.26		Denmark, . . . lb.	1878	M	0.43	
	1849	M	0.24		Ecuador, . . . lb.	1883	H	0.12	
	1850	M	0.28				L	0.10	
	1851	M	0.30		England, . . . lb.	1873	H	0.32	
	1852	M	0.30				L	0.28	
	1853	M	0.30			1878	H	0.56	
	1854	M	0.36				mh	0.44	
	1855	M	0.40				M	0.36	
	1856	M	0.38½				ml	0.28	
	1857	M	0.40				L	0.17	
	1858	M	0.40			1879	H	0.42	
	1859	M	0.40				L	0.28	
	1860	M	0.36			1880	H	0.35	
	1861	M	0.36				L	0.28	
	1862	M	0.34			1881	M	0.35	
	1863	M	0.32			1882	H	0.40	
	1864	M	0.32				M	0.35	
	1865	M	0.32				L	0.28	
	1866	M	0.32			1883	H	0.40	
	1867	M	0.32				mh	0.34	
	1868	M	0.32				M	0.28	
	1869	M	0.24				ml	0.24	
	1870	M	0.28			1884	H	0.42	
	1871	M	0.24				M	0.28	
	1872	M	0.26				L	0.24	
	1873	M	0.28			1885	H	0.40	
	1874	M	0.32				L	0.24	
	1875	M	0.28			1878	H	0.59	
	1876	M	0.28				L	0.30	
	1877	M	0.30		France, . . . lb.	1879	M	0.30	
	1878	H	0.36			1880	M	0.30	
		L	0.30			1882	H	0.60	
	1879	M	0.24				L	0.50	
	1880	M	0.34			1884	H	0.60	
	1881	H	0.40				M	0.35	
		L	0.32				H	0.30	
	1882	M	0.34			1885	M	0.60	
	1883	M	0.42				mh	0.54	
	1884	M	0.32				M	0.39	
	1885	H	0.37½				L	0.35	
		M	0.34			1889	H	0.47	
		L	0.30				L	0.37	
	1886	M	0.36			1891	H	0.50	
	1887	M	0.36				L	0.42	
	1888	M	0.36		Germany, . . . lb.	1868	M	0.31	
	1889	M	0.36						

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Coffee (ROASTED) — Con.					Coffee (ROASTED) — Con.				
Foreign Countries. — Con.					Foreign Countries — Con.				
Germany, . . . lb.		1869	M	\$0.33	Nova Scotia, . . lb.	1890	M		\$0.30
		1870	M	0.31	Portugal, . . . lb.	1878	M		0.29
		1871	M	0.30	Prussia, . . . lb.	1878	H		0.52
		1872	M	0.28			L		0.45
		1873	M	0.32		1882	H		0.40
		1874	M	0.33			L		0.32
		1875	M	0.32		1884	H		0.40
		1876	M	0.32			L		0.20
		1877	M	0.32		1885	H		0.40
		1878	H	0.50			L		0.20
			mh	0.45	Russia, . . . lb.	1878	H		0.40
			M	0.36			L		0.35
			ml	0.28	Saxony, . . . lb.	1878	H		0.38½
			L	0.20			L		0.30
		1879	H	0.45	Scotland, . . lb.	1878	H		0.50
			M	0.35			M		0.40
			L	0.30			L		0.32
		1880	H	0.45½		1879	H		0.50
			L	0.29			M		0.40
		1881	H	0.45			L		0.32
			M	0.35		1883	M		0.40
			L	0.27		1884	H		0.50
		1883	M	0.30			L		0.32
		1884	M	0.35	Sicily, . . . lb.	1878	H		0.32
		1885	H	0.50			M		0.28
			M	0.30			L		0.25
			ml	0.24		1889	H		0.45
			L	0.20			L		0.20
		1886	H	0.45	Spain, . . . lb.	1878	H		0.50
			M	0.30			M		0.45
			L	0.28			L		0.40
		1887	H	0.48		1879	M		0.45
			M	0.33		1884	M		0.45
			L	0.30		1889	H		0.55
		1888	M	0.33			L		0.35
		1889	H	0.53	Sweden, . . . lb.	1878	M		0.27
			L	0.33	Switzerland, . lb.	1878	M		0.30
Guiana, . . . lb.		1889	M	0.24		1879	M		0.30
Hesse, . . . lb.		1887	M	0.36		1882	H		0.30
		1888	M	0.36			L		0.15
Holland, . . . lb.		1882	H	0.18		1884	H		0.32
			L	0.09			L		0.18
		1884	H	0.25		1885	H		0.32
			L	0.13			L		0.18
		1885	H	0.25	Turkey, . . . lb.	1881	H		0.20
			L	0.13			M		0.16
Ireland, . . . lb.		1878	H	0.44			L		0.14½
			L	0.22	United States of				
Italy, . . . lb.		1878	H	0.48	Colombia, . . lb.	1883	H		0.12½
			mh	0.40			L		0.10
			M	0.35	Venezuela, . . lb.	1883	M		0.08
			ml	0.28	Wales, . . . lb.	1878	M		0.36
			L	0.20	West Indies, . lb.	1881	M		1.00
		1879	M	0.32			H		0.25
		1882	M	0.50			L		0.18
		1884	H	0.48		1889	M		0.20
			M	0.40					
			L	0.30					
		1889	H	0.69	Corn (CANNED).				
			M	0.42	United States.				
			ml	0.36	Kansas, . . . can	1885	H		0.12½
			L	0.24			L		0.10
Mexico, . . . lb.		1881	H	0.37	Maryland, . . can	1885	M		0.12
			L	0.30	Massachusetts, can	1880	H		0.20
		1882	M	0.25			mh		0.18
		1883	M	0.21			M		0.16
New Zealand, . lb.		1889	M	0.40					

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Corn (CANNED)</b> — Con.					<b>Crackers — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Massachusetts, . . .	can	1880	ml	\$0.14	Massachusetts, . . .	lb.	1891	mh	\$0.18
			L	0.12				M	0.13
		1885	H	0.20				ml	0.09
			M	0.15				L	0.05
			ml	0.12½	Minnesota, . . .	lb.	1890	H	0.15
			L	0.10				mh	0.12
		1891	H	0.20				M	0.10
			mh	0.17				ml	0.08
			M	0.14				L	0.06½
			ml	0.10	Missouri, . . .	lb.	1889	H	0.20
			L	0.08				L	0.08½
Minnesota, . . .	can	1890	H	0.22	New Jersey, . . .	lb.	1878	H	0.12
			mh	0.18				L	0.10
			M	0.15			1882	H	0.14
			ml	0.10				M	0.12
			L	0.05				ml	0.10
Missouri, . . .	can	1889	H	0.20			1886	H	0.09
			M	0.15				mh	0.15
			ml	0.10				M	0.12
			L	0.08½				ml	0.10
New Jersey, . . .	can	1878	H	0.15				L	0.09
			L	0.10				M	0.15
		1886	H	0.15				ml	0.12
			M	0.12				L	0.10
			ml	0.10	New York, . . .	lb.	1882	H	0.14
			L	0.08				mh	0.12
Wisconsin, . . .	can	1880	M	0.15				M	0.10
		1881	M	0.13	Pennsylvania, . . .	lb.	1875	M	0.10
		1882	M	0.12			1879	H	0.10
		1883	M	0.12				L	0.08
		1884	M	0.12			1882	H	0.12
								M	0.10
<i>Foreign Countries.</i>								L	0.08
Switzerland, . . .	can	1878	M	0.50	Wisconsin, . . .	lb.	1880	M	0.08
							1881	M	0.08
							1882	M	0.08
							1883	M	0.07
							1884	M	0.06
<b>Crackers.</b>					<i>Foreign Countries.</i>				
<i>United States.</i>					Canada, . . .	lb.	1882	H	0.20
Connecticut, . . .	lb.	1860	M	0.08				M	0.12
		1887	M	0.12				ml	0.10
Illinois, . . .	lb.	1884	H	0.10				L	0.08
			M	0.08	Ecuador, . . .	lb.	1883	M	0.15
			L	0.06½	Germany, . . .	lb.	1884	M	0.22
Kansas, . . .	lb.	1885	M	0.05½	Mexico, . . .	lb.	1882	H	0.50
Maine, . . .	lb.	1887	M	0.08				L	0.37½
Maryland, . . .	lb.	1882	M	0.10			1883	M	0.50
Massachusetts, . . .	lb.	1832	M	0.06½	Nova Scotia, . . .	lb.	1890	M	0.05
		1839	M	0.12					
		1843	M	0.06					
		1847	M	0.10					
		1850	H	0.10					
			L	0.08	<b>Cream of Tartar.</b>				
		1851	M	0.10	<i>United States.</i>				
		1852	M	0.11	Maine, . . .	lb.	1858	H	0.40
		1856	M	0.12				L	0.38
		1858	M	0.11			1868	H	0.68
		1859	M	0.12				L	0.60
		1880	H	0.17			1878	M	0.50
			M	0.10			1887	M	0.50
			ml	0.08			1888	M	0.50
			L	0.06	Massachusetts, . . .	lb.	1837	M	0.28
		1885	H	0.17			1840	M	0.36
			M	0.10			1841	M	0.32
			ml	0.08			1843	M	0.26
			L	0.06			1844	M	0.24
		1891	H	0.22			1845	M	0.22
							1846	M	0.23

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Cream of Tartar</b> — Con.					<b>Currants — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Massachusetts, . . lb.	1847	H		\$0.28	Wisconsin, . . lb.	1881	M		\$0.08
		L		0.25		1882	M		0.08
	1848	M		0.27		1883	M		0.08
	1849	M		0.25		1884	M		0.06
	1850	H		0.25	<i>Foreign Countries.</i>				
		L		0.20	<i>England, . . . lb.</i>				
	1851	M		0.25		1882	H		0.20
	1854	H		0.68			M		0.12
		L		0.48			ml		0.08
	1855	M		0.40			L		0.06
	1856	M		0.40		1883	H		0.20
	1857	M		0.39			M		0.12
	1858	M		0.40			ml		0.08
	1859	M		0.39			L		0.06
	1891	H		0.50	<i>Germany, . . . lb.</i>				
		M		0.35		1878	M		0.10
		L		0.30	<i>Nova Scotia, . . lb.</i>				
Minnesota, . . lb.	1890	M		0.50		1890	M		0.08
New Jersey, . . lb.	1878	M		0.80	<i>Saxony, . . . lb.</i>				
Pennsylvania, . . lb.	1879	H		0.60		1878	M		0.11
		L		0.40		1878	M		0.10
<i>Foreign Countries.</i>					<b>Ginger.</b>				
<i>Nova Scotia, . . lb.</i>					<i>United States.</i>				
	1890	M		0.36	<i>Massachusetts, . . lb.</i>				
<b>Currants.</b>						1830	H		0.16
<i>United States.</i>							L		0.12
<i>Kansas, . . . lb.</i>						1831	M		0.14
	1885	M		0.07		1832	H		0.20
<i>Maine, . . . lb.</i>							L		0.14
	1865	M		0.28		1833	H		0.20
	1867	M		0.20			L		0.14
	1872	M		0.15		1834	H		0.15
	1877	M		0.10			L		0.12
	1882	M		0.10		1835	H		0.16
	1887	M		0.08			L		0.12
	1888	M		0.10		1836	M		0.14
	1887	M		0.08		1837	H		0.20
<i>Maryland, . . lb.</i>							L		0.12
	1885	M		0.08		1838	M		0.13
<i>Massachusetts, . . lb.</i>						1839	M		0.12
	1830	H		0.25		1840	M		0.13
		L		0.17		1841	M		0.14
	1831	H		0.16		1842	M		0.12
		L		0.12		1843	M		0.12
	1832	M		0.12		1844	M		0.12
	1837	M		0.14		1845	M		0.12
	1838	M		0.11		1846	M		0.12
	1840	M		0.16		1847	M		0.12
	1841	M		0.15		1848	H		0.16
	1845	M		0.14			L		0.12
	1847	M		0.14		1849	M		0.12
	1848	M		0.12		1850	M		0.12
	1850	M		0.12		1851	M		0.12
	1852	M		0.12		1852	M		0.12
	1854	M		0.30		1854	M		0.12
	1855	M		0.25		1855	M		0.12
	1856	H		0.33		1856	H		0.16
		L		0.25			L		0.12
	1857	H		0.33		1857	H		0.17
		L		0.18			L		0.12
	1858	M		0.21		1858	M		0.12
	1859	H		0.20		1859	H		0.15
		L		0.15			L		0.12
	1891	H		0.12		1860	M		0.13
		M		0.10		1891	H		0.30
		L		0.07			L		0.20
Minnesota, . . lb.	1890	H		0.10	<i>Minnesota, . . . lb.</i>				
		L		0.07		1890	H		0.40
Missouri, . . . lb.	1889	M		0.08			L		0.30
New Jersey, . . lb.	1878	M		0.10		1889	H		0.50
Wisconsin, . . . lb.	1880	M		0.08			L		0.30

GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Ginger — Con.					Lard — Con.				
United States—Con.					United States—Con.				
Missouri, . . .	lb.	1889	L	\$0.40	Connecticut, . . .	lb.	1870	H	\$0.25
New Jersey, . .	lb.	1878	M	0.40				mh	0.23
Pennsylvania, . .	lb.	1879	H	0.40				M	0.20
			L	0.24			1871	L	0.14
								H	0.22
								mh	0.20
								M	0.17
								ml	0.14
								L	0.12
							1872	H	0.22
								M	0.18
								ml	0.15
								L	0.12
							1873	H	0.22
								M	0.17
								ml	0.14
								L	0.12
							1874	H	0.20
								mh	0.18
								M	0.16
								L	0.12
							1875	H	0.22
								M	0.17
								ml	0.15
								L	0.12
							1876	H	0.19
								mh	0.17
								M	0.15
								L	0.12
							1877	H	0.17
								M	0.15
								ml	0.14
								L	0.11
							1878	H	0.13
								M	0.12
								L	0.11
							1879	H	0.14
								mh	0.12
								M	0.11
								ml	0.10
								L	0.08
							1880	H	0.14
								M	0.12
								ml	0.11
								L	0.10
							1887	M	0.14
							1888	M	0.11
					Florida, . . .	lb.	1866	M	0.30
							1867	M	0.25
							1868	M	0.25
							1869	M	0.25
							1871	M	0.21
							1872	M	0.15
							1873	M	0.15
							1874	M	0.15
							1875	M	0.20
							1876	M	0.18
							1877	M	0.15
							1878	M	0.12½
							1879	M	0.10
							1880	M	0.11½
							1858	M	0.12
					Illinois, . . .	lb.	1859	M	0.15
							1860	M	0.12½
							1861	H	0.10
								L	0.08
							1862	M	0.10
							1863	H	0.12
								L	0.10



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Lard — Con.					Lard — Con.				
United States—Con.					United States—Con.				
Illinois, . . .	lb.	1864	H	\$0.25	Indiana, . . .	lb.	1866	H	\$0.23
			L	0.18				L	0.15
		1865	H	0.25			1867	H	0.22
			L	0.18				L	0.15
		1866	H	0.25			1868	H	0.20
			L	0.15				L	0.15
		1867	M	0.15			1869	H	0.20
		1868	H	0.16				L	0.16
			L	0.15			1870	H	0.18
		1869	H	0.22				L	0.15
			L	0.20			1871	H	0.16
		1870	H	0.18				M	0.12
			L	0.15				L	0.10
		1871	H	0.12 $\frac{1}{2}$			1872	H	0.15
			L	0.10				M	0.13
		1872	H	0.12 $\frac{1}{2}$				L	0.10
			L	0.10			1873	H	0.15
		1873	H	0.10				M	0.12
			L	0.08				L	0.10
		1874	H	0.13			1874	H	0.15
			L	0.10				M	0.13
		1875	H	0.18				L	0.10
			L	0.15			1875	H	0.13
		1876	H	0.16				M	0.10
			M	0.14				L	0.08
			L	0.12 $\frac{1}{4}$			1876	H	0.16
		1877	H	0.15				M	0.12
			L	0.12				ml	0.10
		1878	H	0.12 $\frac{1}{2}$				L	0.08
			M	0.10			1877	H	0.15
			ml	0.08				M	0.10
			L	0.06				L	0.08
		1879	H	0.10			1878	H	0.12 $\frac{1}{2}$
			L	0.06				M	0.10
		1880	H	0.10				L	0.08
			L	0.08			1879	H	0.13
		1884	H	0.15				M	0.10
			mh	0.12 $\frac{1}{4}$				L	0.08
			M	0.10			1880	H	0.13
			L	0.06				L	0.10
		1885	H	0.12 $\frac{1}{2}$			1888	M	0.11 $\frac{1}{2}$
			L	0.08			1865	M	0.15
		1888	M	0.12	Iowa, . . .	lb.	1866	M	0.15
		1851	H	0.10			1867	M	0.18
			L	0.06			1868	M	0.20
		1852	H	0.10			1869	M	0.18
			L	0.06			1870	M	0.15
		1853	H	0.10			1871	M	0.15
			L	0.06			1872	M	0.15
		1854	H	0.12			1873	M	0.15
			L	0.07			1874	M	0.16
		1855	H	0.12			1875	M	0.15
			L	0.07			1876	M	0.15
		1856	H	0.12			1877	M	0.16
			L	0.07			1878	M	0.15
		1857	H	0.14			1879	M	0.15
			L	0.07			1880	M	0.16
		1858	H	0.14			1885	H	0.12
			L	0.07				L	0.10
		1859	H	0.15			1887	H	0.20
			L	0.07				mh	0.16
		1860	H	0.15				M	0.13
			L	0.07				ml	0.10 $\frac{1}{2}$
		1861	M	0.15				L	0.08 $\frac{1}{2}$
		1862	M	0.15			1873	M	0.08
		1863	M	0.15	Kansas, . . .	lb.	1874	M	0.08
		1864	M	0.15			1875	H	0.17
		1865	H	0.20				L	0.10 $\frac{1}{2}$
			L	0.15			1876	M	0.11

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Lard — Con.</b>					<b>Lard — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Kansas, . . . lb.	1877	M	\$0.09½		Massachusetts, . lb.	1854	H	\$0.13	
	1878	M	0.06½				M	0.12½	
	1879	M	0.07				L	0.11	
	1880	M	0.07¾			1855	H	0.14	
	1882	M	0.15				L	0.11	
	1884	M	0.12			1856	H	0.14	
	1888	M	0.10				L	0.13	
Kentucky, . . lb.	1872	M	0.09½			1857	H	0.16¾	
	1873	M	0.10				L	0.15½	
	1874	M	0.12½			1858	H	0.14	
	1875	M	0.15¾				M	0.13	
	1876	M	0.14				L	0.12	
	1877	M	0.11¾			1859	H	0.14	
	1880	M	0.08				M	0.12	
Maine, . . . lb.	1858	M	0.14				L	0.11	
	1865	M	0.28			1860	H	0.16	
	1867	M	0.16				L	0.12¾	
	1868	H	0.25			1861	H	0.14	
		L	0.23				L	0.10	
	1872	M	0.13			1862	H	0.14	
	1877	M	0.14				M	0.12½	
	1878	H	0.12				ml	0.10½	
		L	0.10				L	0.09½	
	1882	M	0.15			1863	H	0.14	
	1887	H	0.12				L	0.10¾	
		L	0.10			1864	H	0.18	
	1888	M	0.10				M	0.16	
	1889	H	0.12				L	0.14	
		M	0.11			1865	M	0.25½	
		L	0.10			1866	H	0.28	
Maryland, . . lb.	1882	M	0.14				M	0.25	
	1885	H	0.12				L	0.21¾	
		L	0.08			1867	H	0.20	
Massachusetts, . lb.	1830	H	0.11				M	0.16	
		L	0.07				ml	0.15	
	1831	M	0.10				L	0.14	
	1832	M	0.10			1868	H	0.25	
	1833	M	0.11				M	0.20	
	1834	M	0.12				ml	0.18	
	1835	M	0.12				L	0.17	
	1837	H	0.15			1869	H	0.28	
		L	0.11				M	0.25	
	1838	H	0.14				ml	0.20	
		L	0.07				L	0.18	
	1839	H	0.15			1870	H	0.22	
		L	0.11				M	0.20	
	1840	M	0.13				L	0.17½	
	1841	M	0.09			1871	H	0.20	
	1842	M	0.10				mh	0.18	
	1843	M	0.09				M	0.14	
	1844	M	0.08				ml	0.13	
	1845	M	0.09				L	0.11	
	1846	H	0.13			1872	H	0.16	
		L	0.06				M	0.14	
	1847	H	0.12				L	0.11	
		M	0.09			1873	H	0.16	
		L	0.06				M	0.11½	
	1848	M	0.10				L	0.09¾	
	1849	M	0.09			1874	H	0.20	
	1850	H	0.09				M	0.15	
		L	0.06				L	0.13¾	
	1851	H	0.12½			1875	H	0.20	
		M	0.11				M	0.17½	
		L	0.09½				L	0.15	
	1852	H	0.12			1876	H	0.20	
		L	0.10				mh	0.18	
	1853	H	0.13				M	0.16	
		M	0.12				L	0.13½	
		L	0.11			1877	H	0.17	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Lard — Con.					Lard — Con.				
United States—Con.					United States—Con.				
Massachusetts, . lb.	1877	M	\$0.15		Michigan, . lb.	1847	L	\$0.06	
		ml	0.12			1848	H	0.09	
		L	0.11				L	0.06	
	1878	H	0.15			1849	H	0.08	
		M	0.12				L	0.06	
		L	0.10 <sup>3</sup> <sub>4</sub>			1850	H	0.07	
	1879	H	0.12				L	0.06	
		M	0.10			1851	H	0.10	
		ml	0.08 <sup>3</sup> <sub>4</sub>				L	0.07	
		L	0.07 <sup>3</sup> <sub>4</sub>			1852	H	0.12	
	1880	H	0.16				L	0.09	
		mh	0.14			1853	H	0.12	
		M	0.12				L	0.09	
		ml	0.10			1854	H	0.11	
		L	0.08 <sup>1</sup> <sub>4</sub>				L	0.09	
	1885	H	0.14			1855	H	0.12	
		mh	0.12 <sup>1</sup> <sub>4</sub>				L	0.09	
		M	0.11			1856	H	0.14	
		ml	0.10				L	0.09	
		L	0.09			1857	H	0.16	
	1888	M	0.10				L	0.10	
	1891	H	0.13			1858	H	0.12	
		M	0.11				L	0.10	
		ml	0.09 <sup>1</sup> <sub>4</sub>			1859	H	0.12	
		L	0.08				L	0.10	
Michigan, . lb.	1825	H	0.10			1860	H	0.13	
		L	0.07				L	0.10	
	1826	H	0.09			1861	H	0.10	
		L	0.07				L	0.08	
	1827	H	0.10			1862	H	0.10	
		L	0.07				L	0.07	
	1828	H	0.09			1863	H	0.12	
		L	0.06				L	0.09	
	1829	H	0.06			1864	H	0.24	
		L	0.04				L	0.12	
	1830	H	0.13			1865	H	0.29	
		L	0.05				L	0.15	
	1831	H	0.11			1866	H	0.22	
		L	0.08				L	0.12	
	1832	H	0.10			1867	H	0.14	
		L	0.06				L	0.11	
	1833	H	0.11			1868	H	0.20	
		L	0.07				L	0.12	
	1834	M	0.07			1869	H	0.21	
	1835	H	0.11				L	0.16	
		L	0.07			1870	H	0.18	
	1836	H	0.17				L	0.12	
		L	0.11			1871	H	0.13	
	1837	H	0.15				L	0.09	
		L	0.06			1872	H	0.10	
	1838	H	0.15				L	0.07	
		L	0.07			1873	H	0.09	
	1839	H	0.15				L	0.07	
		L	0.08			1874	H	0.16	
	1840	H	0.12				L	0.08	
		L	0.07			1875	H	0.16	
	1841	H	0.09				L	0.13	
		L	0.06			1876	H	0.14	
	1842	H	0.08				L	0.12	
		L	0.05			1877	H	0.12	
	1843	H	0.08				L	0.08	
		L	0.05			1878	H	0.09	
	1844	H	0.07				L	0.06	
		L	0.05			1879	H	0.08	
	1845	H	0.08				L	0.05 <sup>3</sup> <sub>4</sub>	
		L	0.06			1880	H	0.09	
	1846	H	0.08				L	0.07	
		L	0.05			1881	H	0.13	
	1847	H	0.11				L	0.09	

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Lard — Con.</b>					<b>Lard — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Michigan, . . . lb.		1882	H	\$0.14	Missouri, . . . lb.		1889	H	\$0.12½
			L	0.10½				mh	0.11
		1885	H	0.17				M	0.10
			mh	0.15				L	0.08½
			M	0.13	Nebraska, . . . lb.		1888	M	0.10
			ml	0.11	New Jersey, . . . lb.		1861	M	0.14
			L	0.09			1862	M	0.14
Minnesota, . . . lb.		1888	M	0.10			1863	M	0.14
		1888	M	0.11½			1864	M	0.18
		1890	H	0.10			1865	M	0.25
			L	0.07½			1866	M	0.25
Missouri, . . . lb.		1851	H	0.10			1867	M	0.20
			L	0.08			1868	M	0.24
		1852	H	0.10			1869	M	0.24
			L	0.08			1870	M	0.24
		1853	M	0.10			1871	H	0.20
		1854	M	0.10			L	0.14	
		1855	M	0.11			1872	M	0.16
		1856	M	0.10			1873	M	0.16
		1857	M	0.15			1874	H	0.17½
		1858	H	0.12½			L	0.15	
			L	0.08			1875	M	0.20
		1859	H	0.12½			1876	M	0.16
			L	0.10			1877	M	0.16
		1860	H	0.12½			1878	H	0.14
			L	0.10			L	0.10	
		1861	H	0.20			1879	M	0.12
			L	0.11			1880	H	0.15
		1862	H	0.20			L	0.12	
			L	0.08			1882	H	0.16
		1863	H	0.15			mh	0.15	
			L	0.09			M	0.14	
		1864	H	0.20			ml	0.13	
			L	0.15			L	0.12	
		1865	H	0.25			1884	H	0.16
			L	0.20			L	0.14	
		1866	H	0.25			1885	H	0.16
			L	0.15			L	0.14	
		1867	H	0.25			1886	H	0.14
			L	0.15			mh	0.12	
		1868	M	0.23			M	0.11	
		1869	H	0.25			ml	0.10	
			L	0.21			L	0.08	
		1870	H	0.25	New York, . . . lb.		1851	H	0.12
			L	0.20			1852	H	0.12
		1871	M	0.16			L	0.10	
		1872	M	0.12½			1853	H	0.12
		1873	M	0.12½			L	0.11	
		1874	M	0.13			1854	H	0.12
		1875	H	0.20			L	0.11	
			L	0.16			1855	H	0.12
		1876	H	0.17			L	0.12	
			L	0.12			1856	H	0.14
		1877	H	0.12½			L	0.10	
			L	0.11			1857	H	0.11
		1878	H	0.12			M	0.13	
			mh	0.11			L	0.11	
			M	0.10			1857	H	0.16
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## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Lard — Con.					Lard — Con.				
United States-Con.					United States-Con.				
New York, . . . lb.		1861	ml	\$0.11	New York, . . . lb.		1879	M	\$0.10
			L	0.10				L	0.07
		1862	H	0.15			1880	H	0.12
			M	0.12				mb	0.11
			ml	0.10				M	0.10
			L	0.08				L	0.07
		1863	H	0.25			1881	M	0.09
			M	0.13			1882	H	0.16
			ml	0.12				mh	0.15
			L	0.10				M	0.14
		1864	H	0.28				L	0.12
			M	0.16			1883	M	0.12
			L	0.12			1884	H	0.16
		1865	H	0.26				mb	0.15
			M	0.20 $\frac{1}{2}$				M	0.12
			ml	0.18				L	0.10
			L	0.16			1885	H	0.16
		1866	H	0.25				L	0.08
			M	0.20	Ohio, . . . lb.		1851	H	0.09
			L	0.15				L	0.05
		1867	H	0.25			1852	H	0.09
			M	0.19				L	0.06
			ml	0.16			1853	H	0.09
			L	0.14				M	0.08
		1868	H	0.22				L	0.07
			M	0.16			1854	H	0.10
			ml	0.15				M	0.09
			L	0.14				L	0.08
		1869	H	0.24			1855	H	0.10
			mh	0.22				M	0.09
			M	0.18				L	0.08
			L	0.12			1856	H	0.10
		1870	H	0.20				L	0.08
			M	0.17			1857	H	0.10
			L	0.11				L	0.08
		1871	H	0.18			1858	H	0.10
			M	0.16				L	0.08
			ml	0.13			1859	H	0.12 $\frac{1}{2}$
			L	0.11				L	0.10
		1872	H	0.18			1860	H	0.10
			M	0.13				L	0.07
			L	0.09 $\frac{1}{2}$			1861	H	0.12 $\frac{1}{2}$
		1873	H	0.18				mh	0.11
			mh	0.15				M	0.10
			M	0.12 $\frac{1}{2}$				ml	0.08
			L	0.09				L	0.06
		1874	H	0.18			1862	H	0.12
			mh	0.15				L	0.08
			M	0.12			1863	H	0.18
			L	0.09				M	0.12
		1875	H	0.18				L	0.08
			M	0.15 $\frac{1}{2}$			1864	H	0.20
			ml	0.14				mh	0.13
			L	0.12 $\frac{1}{2}$				M	0.16
		1876	H	0.18				ml	0.14
			M	0.14				L	0.10
			ml	0.13			1865	H	0.25
			L	0.12				mh	0.22
		1877	H	0.16				M	0.18
			M	0.12 $\frac{1}{2}$				ml	0.14
			ml	0.11				L	0.10
			L	0.09 $\frac{1}{2}$			1866	H	0.25
		1878	H	0.12 $\frac{1}{2}$				mh	0.22
			mh	0.11				M	0.20
			M	0.10				ml	0.14
			ml	0.09				L	0.10
			L	0.07 $\frac{1}{2}$			1867	H	0.25
		1879	H	0.12				M	0.16
			mh	0.11				L	0.10



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Lard — Con.					Lard — Con.				
United States—Con.					United States—Con.				
Ohio, . . . .	lb.	1868	H	\$0.25	Pennsylvania, . .	lb.	1855	H	\$0.14
			mh	0.22				L	0.06
			M	0.18		1856	H	L	0.14
			L	0.10			L	L	0.06
		1869	H	0.25		1857	H	L	0.18
			mh	0.20			L	L	0.06
			M	0.16		1858	H	L	0.13
			L	0.09			L	L	0.06
		1870	H	0.20		1859	H	L	0.14
			mh	0.18			L	L	0.06
			M	0.15		1860	H	L	0.15
			L	0.09			L	L	0.06
		1871	H	0.20		1861	H	L	0.14
			mh	0.18			M	L	0.10
			M	0.15			L	L	0.07
			ml	0.12 $\frac{1}{2}$		1862	H	M	0.14
			L	0.10 $\frac{1}{4}$			L	L	0.10 $\frac{1}{2}$
		1872	H	0.18			L	L	0.08 $\frac{1}{2}$
			mh	0.16		1863	H	L	0.15
			M	0.12 $\frac{1}{2}$			M	L	0.10 $\frac{1}{2}$
			ml	0.10			L	L	0.09
			L	0.08 $\frac{3}{4}$		1864	H	L	0.20
		1873	H	0.18			M	L	0.14
			mh	0.16			L	L	0.10
			M	0.12 $\frac{1}{2}$		1865	H	L	0.30
			L	0.08			M	L	0.18
		1874	H	0.18			L	L	0.13
			M	0.15		1866	H	L	0.23
			ml	0.13			M	L	0.19
			L	0.11 $\frac{1}{4}$			L	L	0.15
		1875	H	0.20		1867	H	L	0.22
			mh	0.18			L	L	0.18
			M	0.16 $\frac{2}{3}$		1868	H	L	0.20
			ml	0.14			L	L	0.18
			L	0.12 $\frac{1}{2}$		1869	H	L	0.23
		1876	H	0.18			L	L	0.18
			mh	0.16 $\frac{2}{3}$		1870	H	L	0.22
			M	0.14			M	L	0.18
			L	0.11 $\frac{1}{4}$			L	L	0.16
		1877	H	0.25		1871	H	L	0.16
			M	0.18			mh	L	0.15
			ml	0.13 $\frac{1}{2}$			M	L	0.14
			L	0.09			L	L	0.12
		1878	H	0.12 $\frac{1}{2}$		1872	H	L	0.14
			mh	0.10			M	L	0.13
			M	0.09			L	L	0.12
			ml	0.08		1873	H	L	0.14
			L	0.06			L	L	0.10
		1879	H	0.12 $\frac{1}{2}$		1874	H	L	0.16 $\frac{3}{4}$
			M	0.10			mh	L	0.14
			ml	0.08			M	L	0.12 $\frac{1}{2}$
			L	0.07			L	L	0.10
		1880	H	0.12 $\frac{1}{2}$		1875	H	L	0.16
			M	0.10			M	L	0.12 $\frac{1}{2}$
			ml	0.09			L	L	0.10
			L	0.08		1876	H	L	0.17
		1887	H	0.12 $\frac{1}{2}$			mh	L	0.15
			mh	0.11			M	L	0.12 $\frac{1}{2}$
			M	0.10			L	L	0.10
			ml	0.09		1877	H	L	0.18
			L	0.08			M	L	0.14
Pennsylvania, . .	lb.	1851	H	0.11			ml	L	0.12 $\frac{1}{2}$
			L	0.06			L	L	0.10
		1852	H	0.12 $\frac{1}{2}$		1878	H	L	0.16
			L	0.06			M	L	0.12 $\frac{1}{2}$
		1853	H	0.12 $\frac{1}{2}$			L	L	0.10
			L	0.06		1879	H	L	0.15
		1854	H	0.12 $\frac{1}{2}$			M	L	0.12 $\frac{1}{2}$
			L	0.06			L	L	0.10

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Lard — Con.					Lard — Con.				
United States—Con.					United States—Con.				
Pennsylvania, . . . lb.	1880	H	\$0.17		West Virginia, . . . lb.	1861	M	\$0.12	
		mh	0.12½			1862	M	0.14	
		M	0.09			1863	M	0.14	
		ml	0.06			1864	M	0.14	
		L	0.02½			1865	M	0.14	
	1881	H	0.18			1866	M	0.15	
		mh	0.15			1867	M	0.15	
		M	0.13			1868	M	0.15	
		ml	0.10			1869	M	0.14	
		L	0.08			1870	M	0.14	
	1882	H	0.20			1871	M	0.08	
		mh	0.18			1872	M	0.08	
		M	0.16			1873	M	0.10	
		ml	0.14			1874	M	0.10	
		L	0.12			1875	M	0.12	
	1884	H	0.20			1876	M	0.14	
		mh	0.16			1877	M	0.14	
		M	0.14			1878	M	0.12	
		ml	0.11			1879	M	0.14	
		L	0.08			1880	M	0.16	
	1885	H	0.16		Wisconsin, . . . lb.	1880	H	0.13	
		mh	0.14				M	0.11	
		M	0.12				L	0.09	
		ml	0.10			1881	H	0.16	
		L	0.08				M	0.14	
	1888	M	0.10				ml	0.12½	
Rhode Island, . . . lb.	1888	M	0.10½				L	0.11	
Tennessee, . . . lb.	1851	M	0.10			1882	H	0.16	
	1855	M	0.12½				M	0.14	
	1856	M	0.12½				L	0.12	
	1857	M	0.18			1883	H	0.15	
	1863	M	0.20				L	0.12	
	1864	M	0.25			1884	H	0.16	
	1865	M	0.25				mh	0.14	
	1866	M	0.25				M	0.12½	
	1867	M	0.15				L	0.09	
	1868	M	0.12½			1888	M	0.10½	
	1869	M	0.20		Foreign Countries.				
	1870	M	0.20		Austria, . . . lb.	1884	H	0.16	
	1871	H	0.14				L	0.12	
		L	0.10			1885	H	0.16	
	1872	M	0.12½				L	0.12	
	1873	H	0.14		Belgium, . . . lb.	1878	M	0.20	
		M	0.12½			1879	M	0.20	
		L	0.10½			1882	M	0.20	
	1874	M	0.12			1884	M	0.20	
	1875	H	0.14		Bohemia, . . . lb.	1885	H	0.30	
		L	0.12½				L	0.25	
	1876	H	0.16		Brazil, . . . lb.	1882	M	0.20	
		L	0.14½		Canada, . . . lb.	1882	H	0.18	
	1877	H	0.15				M	0.16	
		M	0.12½				ml	0.15	
		L	0.10				L	0.14	
	1878	H	0.10½		Ecuador, . . . lb.	1883	M	0.20	
		L	0.09			1885	M	0.08	
	1879	H	0.10		England, . . . lb.	1873	H	0.20	
		L	0.08½				M	0.18	
	1880	H	0.12				L	0.14	
		L	0.08			1878	H	0.18	
West Virginia, . . . lb.	1851	M	0.10				mh	0.16	
	1852	M	0.10				M	0.15	
	1853	M	0.10				L	0.12	
	1854	M	0.10			1879	H	0.18	
	1855	M	0.10				L	0.15	
	1856	M	0.10			1882	H	0.18	
	1857	M	0.10				L	0.16	
	1858	M	0.10			1883	H	0.16	
	1859	M	0.10				mh	0.16	
	1860	M	0.10						

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Lard — Con.</b>					<b>Lard — Con.</b>				
<i>Foreign Countries</i> — Con.					<i>Foreign Countries</i> — Con.				
England, . . . lb.		1883	M	\$0.12	Spain, . . . lb.		1884	M	\$0.21
			L	0.09			1889	M	0.35
		1884	H	0.18	Sweden, . . . lb.		1881	M	0.14
			M	0.15	Switzerland, . . lb.		1880	M	0.20
			L	0.12	United States of				
		1885	H	0.16	Colombia, . . . lb.		1883	H	0.30
			L	0.12				L	0.25
France, . . . lb.		1878	M	0.20	Venezuela, . . . lb.		1881	H	0.18
		1879	M	0.20				L	0.15
		1884	H	0.20	West Indies, . . lb.		1881	H	0.40
			M	0.16				M	0.23
			L	0.12				L	0.16
		1885	H	0.16					
			L	0.12	<b>Molasses.</b>				
		1889	H	0.17	<i>United States.</i>				
			L	0.15	California, . . . gal.		1884	H	1.00
		1891	M	0.11				L	0.85
Germany, . . . lb.		1872	M	0.19			1888	M	0.22½
		1873	M	0.20	Colorado, . . . gal.		1888	H	2.00
		1874	M	0.20				M	1.50
		1875	M	0.20				ml	1.10
		1876	M	0.20				L	0.70
		1877	M	0.21	Connecticut, . . gal.		1860	M	0.50
		1878	M	0.21			1887	M	0.75
		1879	H	0.21			1888	M	0.50
			L	0.20	Illinois, . . . gal.		1878	H	0.80
		1880	M	0.19				L	0.40
		1881	M	0.19			1879	H	0.80
		1882	H	0.17				L	0.40
			L	0.12			1884	H	0.85
		1884	H	0.21				mh	0.75
			L	0.18				M	0.60
		1885	H	0.18				ml	0.40
			L	0.17				L	0.30
		1889	H	0.26			1888	M	0.60
			L	0.19	Indiana, . . . gal.		1887	M	0.67½
Hawaiian Islands, . lb.		1881	M	0.16	Iowa, . . . gal.		1885	M	0.50
Holland, . . . lb.		1882	H	0.19½			1887	H	1.00
			L	0.18				mh	0.80
		1884	H	0.22				M	0.67
			L	0.16				ml	0.51
		1885	H	0.22				L	0.35
			L	0.16			1888	M	0.54
Ireland, . . . lb.		1878	M	0.12	Kansas, . . . gal.		1888	M	0.70
		1879	M	0.12	Maine, . . . gal.		1858	H	0.50
		1884	H	0.20				L	0.32
			M	0.16			1866	M	0.95
			L	0.12			1868	H	0.95
Italy, . . . lb.		1878	H	0.28				L	0.88
			M	0.25			1876	M	0.60
			L	0.22			1878	H	0.70
		1879	M	0.22				L	0.60
		1884	M	0.22			1886	M	0.60
		1889	H	0.20			1887	M	0.50
			L	0.17½			1888	M	0.50
Japan, . . . lb.		1881	M	0.18	Maryland, . . . gal.		1882	M	0.40
Mexico, . . . lb.		1882	H	0.25			1885	H	0.40
			L	0.20				L	0.30
		1883	M	0.20	Massachusetts, . gal.		1830	H	0.90
Nova Scotia, . . . lb.		1890	M	0.09½				L	0.31
Prussia, . . . lb.		1882	M	0.24			1831	H	1.02
Saxony, . . . lb.		1878	M	0.21				L	0.33
Sicily, . . . lb.		1878	M	0.13			1832	M	0.33
		1889	H	0.22			1833	M	0.35
			L	0.20			1834	H	0.45
Spain, . . . lb.		1878	H	0.21				L	0.32
			L	0.19			1835	M	0.34
		1879	M	0.21			1836	M	0.46

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Molasses — Con.</b>					<b>Molasses — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Massachusetts, . . gal.		1837	H	\$0.44	New York, . . . gal.		1879	H	\$0.70
			L	0.27			1882	L	0.50
		1838	M	0.40				H	0.80
		1839	H	0.65				mh	0.75
			L	0.39				M	0.60
		1840	M	0.34				ml	0.40
		1841	H	0.33				L	0.30
			L	0.28	Ohio, . . . . gal.		1861	H	0.50
		1842	M	0.27				L	0.40
		1843	H	0.44			1871	H	0.70
			M	0.29				L	0.65
			ml	0.23			1877	H	1.25
			L	0.18				M	1.00
		1844	M	0.34				ml	0.85
		1845	M	0.33				L	0.75
		1846	H	0.29			1878	H	0.70
			L	0.24				L	0.50
		1847	H	0.34			1881	H	0.58
			L	0.25				M	0.48
		1848	M	0.29				ml	0.44
		1849	H	0.33				L	0.42
			L	0.27			1882	H	0.65
		1850	H	0.40				mh	0.62
			L	0.29				M	0.60
		1851	H	0.42				L	0.55
			L	0.11			1887	H	0.80
		1852	H	0.44				mh	0.70
			L	0.25				M	0.60
		1854	M	0.30				ml	0.50
		1855	H	0.45				L	0.40
			L	0.39			1888	M	0.60
		1856	M	0.49	Pennsylvania, . . gal.		1880	H	0.80
		1857	H	0.74				M	0.70
			L	0.37				L	0.60
		1858	H	0.41			1882	H	1.00
			L	0.31				M	0.80
		1859	M	0.44				ml	0.65
		1860	H	0.50				L	0.60
			M	0.43			1885	H	0.92
			L	0.40				mh	0.76
		1881	M	0.32				M	0.60
		1888	M	0.80				ml	0.48
		1891	H	0.35				L	0.36
			M	0.33			1888	M	0.80
			L	0.25	Rhode Island, . . gal.		1888	M	0.42½
Michigan, . . . gal.		1885	H	0.87	Wisconsin, . . . gal.		1880	M	0.35
			mh	0.77			1881	M	0.35
			M	0.64			1882	M	0.36
			ml	0.52			1883	M	0.35
			L	0.40			1884	M	0.25
			L	0.65			1888	M	0.30
Minnesota, . . . gal.		1888	M	0.57½					
		1890	H	0.48	<i>Foreign Countries.</i>				
			L	0.25	Brazil, . . . . gal.		1882	H	0.40
Missouri, . . . . gal.		1878	H	0.60				L	0.35
			L	0.50	Canada, . . . . gal.		1882	H	1.00
		1889	H	0.75				L	0.60
			mh	0.60			1887	M	0.23
			M	0.50	England, . . . . gal.		1878	H	0.48
			ml	0.40				L	0.40
			L	0.30			1881	M	0.48
Nebraska, . . . . gal.		1881	M	0.65			1882	H	0.32
New Jersey, . . . gal.		1882	H	0.90				L	0.24
			mh	0.80			1883	H	0.40
			M	0.70				M	0.32
			ml	0.60				L	0.24
			L	0.50	France, . . . . gal.		1891	M	0.58
New York, . . . . gal.		1878	H	0.70	Nova Scotia, . . . gal.		1890	M	0.35
			L	0.60	West Indies, . . . gal.		1881	M	0.30

GRADED PRICES—Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS —Con.					FOOD PRODUCTS —Con.				
Molasses (NEW ORLEANS).					Molasses (NEW ORLEANS) — Con.				
United States.					United States—Con.				
Colorado, . . . gal.	1888	M		\$0.70	Illinois, . . . gal.	1860	M		\$0.60
Connecticut, . . gal.	1851	M		0.30		1861	H		0.75
	1852	M		0.33			L		0.60
	1853	H		0.40		1862	M		0.85
		L		0.36		1865	M		1.25
	1854	M		0.68		1866	M		1.00
	1855	M		0.60		1867	M		0.80
	1856	M		0.55		1868	H		1.00
	1857	M		0.65			L		0.80
	1858	M		0.56		1869	M		1.00
	1859	M		0.65		1870	H		1.00
	1860	H		0.55			L		0.75
		L		0.50		1871	H		1.00
	1861	M		0.50			L		0.75
	1862	H		0.55		1872	H		1.00
		L		0.50			M		0.90
	1863	H		0.75			L		0.80
		L		0.62		1873	H		1.00
	1864	H		1.15			L		0.90
		L		1.00		1874	H		1.10
	1865	H		1.00			L		0.75
		L		0.75		1875	H		1.00
	1866	H		1.00			M		0.90
		L		0.90			L		0.80
	1867	H		0.90		1876	H		1.00
		L		0.75			L		0.75
	1868	H		1.00		1877	H		1.00
		L		0.90			M		0.90
	1869	H		1.10			ml		0.80
		L		0.85			L		0.75
	1870	H		1.00		1878	H		1.00
		L		0.70			L		0.75
	1871	H		1.00		1879	H		0.80
		L		0.75			mh		0.75
	1872	H		0.80			M		0.70
		L		0.75			L		0.60
	1873	H		0.85		1880	H		0.80
		L		0.75			mh		0.75
	1874	H		1.00			M		0.70
		mh		0.90			L		0.60
		M		0.85		1884	M		0.62
		ml		0.75	Indiana, . . . gal.	1851	M		0.80
		L		0.70		1852	M		0.80
	1875	H		1.00		1853	M		0.80
		mh		0.92		1854	M		0.75
		M		0.85		1855	M		0.75
		ml		0.75		1856	M		0.70
		L		0.70		1857	M		0.70
	1876	H		0.85		1858	M		0.65
		L		0.70		1859	M		0.60
	1877	H		0.70		1860	M		0.60
		L		0.65		1861	M		0.60
	1878	H		0.70		1862	M		0.60
		L		0.65		1863	M		0.80
	1879	H		0.65		1864	M		1.60
		L		0.60		1865	H		1.50
	1880	H		0.70			L		1.30
		L		0.65		1866	H		1.25
	1878	M		0.60			L		1.00
	1851	M		0.50		1867	H		1.40
Florida, . . . gal.	1852	M		0.40			L		1.00
Illinois, . . . gal.	1853	M		0.50		1868	H		1.35
	1854	H		0.40			L		0.75
		L		0.30		1869	H		1.40
	1855	M		0.40			L		0.80
	1856	M		0.75		1870	H		1.50
	1857	M		1.00			L		0.80
	1858	M		0.40		1871	H		1.40



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Molasses (NEW ORLEANS) — Con.					Molasses (NEW ORLEANS) — Con.				
United States—Con.					United States—Con.				
Indiana, . . . gal.	1871	L	\$0.80		Maryland, . . . gal.	1868	M	\$1.00	
	1872	H	1.40			1869	M	1.00	
		L	0.80			1871	M	0.80	
	1873	M	0.80			1872	M	0.80	
	1874	H	0.85			1873	M	0.88	
		L	0.80			1874	M	0.88	
	1875	H	0.95			1875	M	0.88	
		M	0.85			1876	M	0.75	
		L	0.75			1877	M	0.80	
	1876	H	0.85			1878	M	0.80	
		L	0.75			1879	M	0.80	
	1877	H	0.80			1880	M	0.80	
		L	0.75		Massachusetts, . . gal.	1851	H	0.27	
	1878	H	0.80				L	0.24	
		L	0.70			1852	H	0.27	
	1879	H	0.70				L	0.24	
		M	0.65			1853	H	0.29 $\frac{1}{2}$	
		L	0.60				L	0.25 $\frac{1}{2}$	
	1880	M	0.60			1854	M	0.26 $\frac{1}{2}$	
Iowa, . . . gal.	1861	M	0.50			1855	H	0.34	
	1862	M	0.50				L	0.30 $\frac{1}{2}$	
	1863	M	0.60			1856	H	0.48	
	1864	M	0.80				L	0.46	
	1865	M	1.10			1857	H	0.77	
	1866	M	1.20				L	0.75	
	1867	M	0.80			1858	H	0.48	
	1868	M	0.90				L	0.46	
	1869	M	0.80			1859	M	0.48	
	1870	M	0.70			1860	H	0.62	
	1871	M	1.00				M	0.47	
	1872	M	1.00				L	0.44	
	1873	M	1.00			1861	H	0.50	
	1874	M	1.00				M	0.36	
	1875	M	0.90				L	0.31	
	1876	M	0.90			1862	M	0.60	
	1877	M	0.80			1863	H	0.52	
	1878	M	0.80				L	0.40	
	1879	M	0.70			1864	M	1.25	
	1880	M	0.70			1865	M	1.25	
	1885	H	1.00			1866	M	1.25	
		M	0.75			1867	M	1.15	
		L	0.60			1868	M	1.12	
Kansas, . . . gal.	1871	M	0.75			1869	M	1.25	
	1872	M	0.80			1870	H	1.10	
	1873	M	1.00				M	0.80 $\frac{1}{2}$	
	1880	M	0.75				L	0.75 $\frac{1}{2}$	
Kentucky, . . . gal.	1872	M	0.64			1871	M	0.90	
	1873	M	0.73			1872	M	1.00	
	1874	M	0.67 $\frac{1}{2}$			1873	M	1.00	
	1875	M	0.67 $\frac{1}{2}$			1874	M	1.00	
	1876	M	0.55			1875	H	1.00	
	1877	M	0.55				M	0.72 $\frac{1}{2}$	
Maryland, . . . gal.	1851	M	0.50				L	0.63	
	1852	M	0.40			1876	H	1.00	
	1853	M	0.40				M	0.63	
	1854	M	0.40				L	0.54 $\frac{1}{2}$	
	1855	M	0.40			1877	H	0.80	
	1856	M	0.60				M	0.58	
	1857	M	0.80				L	0.51 $\frac{1}{2}$	
	1858	M	0.50			1878	H	0.65	
	1859	M	0.50				L	0.57 $\frac{1}{2}$	
	1860	M	0.50			1879	H	0.60	
	1861	M	0.40				M	0.47	
	1862	M	0.50				L	0.32	
	1863	M	0.60			1880	H	0.78	
	1864	M	1.00				mh	0.70	
	1866	M	1.00				M	0.60	
	1867	M	1.00				ml	0.50	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Molasses (NEW ORLEANS) — Con.					Molasses (NEW ORLEANS) — Con.				
United States—Con.					United States—Con.				
Massachusetts, . gal.	1880	L	\$0.42		Michigan, . . gal.	1853	L	\$0.26	
	1885	H	0.75			1854	H	0.29	
		mh	0.70				L	0.19	
		M	0.60			1855	H	0.40	
		ml	0.50				L	0.23	
		L	0.40			1856	H	0.75	
	1891	H	0.80				L	0.42	
		mh	0.65			1857	H	0.80	
		M	0.50				L	0.35	
		ml	0.40			1858	H	0.52	
		L	0.25				L	0.26	
Michigan, . . gal.	1825	H	0.43			1859	H	0.51	
		L	0.28				L	0.36	
	1826	H	0.36			1860	H	0.55	
		L	0.28				L	0.36	
	1827	H	0.39			1861	H	0.55	
		L	0.31				L	0.30	
	1828	H	0.36			1862	H	0.55	
		L	0.30				L	0.32	
	1829	H	0.33			1863	H	0.62	
		L	0.27				L	0.35	
	1830	H	0.33			1864	H	1.25	
		L	0.28				L	0.65	
	1831	H	0.34			1865	H	1.50	
		L	0.25				L	0.65	
	1832	H	0.35			1866	H	1.25	
		L	0.26				L	0.66	
	1833	H	0.36			1867	H	1.20	
		L	0.27				L	0.65	
	1834	H	0.31			1868	H	1.05	
		L	0.27				L	0.60	
	1835	H	0.36			1869	H	1.05	
		L	0.26				L	0.65	
	1836	H	0.48			1870	H	1.20	
		L	0.32				L	0.65	
	1837	H	0.45			1871	H	0.75	
		L	0.32				L	0.50	
	1838	H	0.45			1872	H	0.86	
		L	0.28				L	0.48	
	1839	H	0.36			1873	H	0.97	
		L	0.26				L	0.61	
	1840	H	0.30			1874	H	0.85	
		L	0.20				L	0.60	
	1841	H	0.28			1875	H	0.80	
		L	0.20				L	0.54	
	1842	H	0.24			1876	H	0.68	
		L	0.16				L	0.50	
	1843	H	0.31			1877	H	0.50	
		L	0.18				L	0.40	
	1844	H	0.37			1878	H	0.50	
		M	0.31				L	0.36	
		L	0.27			1879	H	0.50	
	1845	M	0.22				L	0.32	
	1846	H	0.34			1880	H	0.65	
		L	0.22				L	0.40	
	1847	H	0.38			1881	H	0.66	
		L	0.30				L	0.48	
	1848	H	0.28			1882	H	0.75	
		L	0.20				L	0.53	
	1849	H	0.32		Minnesota, . . gal.	1890	H	0.70	
		L	0.20				M	0.58	
	1850	H	0.33				L	0.38	
		L	0.22		Missouri, . . gal.	1851	H	0.50	
	1851	H	0.33				L	0.40	
		L	0.28			1852	H	0.50	
	1852	H	0.35				L	0.50	
		L	0.27			1853	H	0.50	
	1853	H	0.33				L	0.40	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Molasses (New Orleans) — Con.					Molasses (New Orleans) — Con.				
United States—Con.					United States—Con.				
Missouri, . . . gal.	1854	H	\$0.50		New Jersey, . . . gal.	1862	M	\$0.56	
		L	0.30			1863	M	0.64	
	1855	H	0.60			1864	M	1.20	
		L	0.50			1865	M	1.18	
	1856	H	0.60			1866	M	1.12	
		L	0.55			1867	H	1.16	
	1857	H	0.90				L	1.04	
		L	0.80			1868	M	1.12	
	1858	H	0.60			1869	H	1.12	
		L	0.50				L	1.04	
	1859	H	0.60			1870	M	1.10	
		M	0.55			1871	M	1.00	
		L	0.50			1872	M	1.00	
	1860	H	0.60			1873	M	1.00	
		L	0.50			1874	H	0.96 $\frac{1}{2}$	
	1861	H	0.60				L	0.90	
		L	0.55			1875	M	1.00	
	1862	H	0.80			1876	M	0.90	
		L	0.60			1878	H	0.80	
	1863	H	1.50				L	0.40	
		L	1.00			1879	M	0.70	
	1864	H	1.75			1880	M	0.72	
		L	1.20			1886	H	0.85	
	1865	H	1.60				mh	0.70	
		M	1.40				M	0.60	
		L	1.00				ml	0.40	
	1866	H	1.50				L	0.30	
		L	1.20		New York, . . . gal.	1851	H	0.75	
	1867	H	1.50				M	0.50	
		M	1.10				L	0.40	
		L	0.80			1852	H	0.75	
	1868	H	1.60				M	0.50	
		L	1.00				L	0.40	
	1869	H	1.60			1853	H	0.75	
		L	0.80				M	0.60	
	1870	H	1.30				ml	0.50	
		L	0.60				L	0.40	
	1871	H	1.00			1854	H	0.75	
		L	0.60				mh	0.60	
	1872	H	1.00				M	0.50	
		M	0.70				L	0.35	
		L	0.60			1855	H	0.75	
	1873	H	1.00				mh	0.60	
		L	0.60				M	0.50	
	1874	H	0.80				L	0.32	
		L	0.55			1856	H	0.75	
	1875	H	0.80				M	0.60	
		L	0.60				ml	0.55	
	1876	M	0.60				L	0.50	
	1877	H	0.90			1857	H	0.80	
		M	0.60				M	0.60	
		L	0.50				ml	0.50	
	1878	H	0.60				L	0.40	
		L	0.50			1858	H	0.80	
	1879	H	0.60				M	0.50	
		L	0.50				L	0.40	
	1880	H	0.60			1859	H	0.80	
		L	0.50				L	0.42	
New Jersey, . . . gal.	1851	M	0.35			1860	H	0.80	
	1852	M	0.37				L	0.44	
	1853	M	0.36			1861	H	0.75	
	1854	M	0.37				L	0.44	
	1855	M	0.37 $\frac{1}{2}$			1862	H	0.75	
	1856	M	0.38				L	0.60	
	1857	M	0.32			1863	M	0.75	
	1859	M	0.50			1864	M	1.00	
	1860	M	0.50			1865	H	1.25	
	1861	M	0.48				L	1.00	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Molasses (NEW ORLEANS) — Con.					Molasses (NEW ORLEANS) — Con.				
United States—Con.					United States—Con.				
New York, . . . gal.		1866	H	\$1.10	Ohio, . . . gal.		1862	L	\$0.45
			L	0.80			1863	H	1.50
		1867	H	1.10				M	0.75
			M	1.00				L	0.50
			L	0.80			1864	H	1.50
		1868	H	1.10				M	1.40
			L	0.80				L	1.00
		1869	H	1.10			1865	H	1.40
			M	1.00				M	1.25
			L	0.80				ml	1.00
		1870	H	1.10				L	0.85
			L	0.80			1866	H	1.25
		1871	M	1.00				M	1.00
		1872	H	1.00				L	0.85
			M	0.90			1867	H	1.25
			L	0.80				M	1.00
		1873	H	1.00				L	0.75
			L	0.85			1868	H	1.20
		1874	H	1.00				M	1.00
			L	0.80				L	0.75
		1875	H	1.00			1869	H	1.20
			L	0.80				M	1.00
		1876	H	1.00				L	0.75
			M	0.90			1870	H	1.25
			L	0.80				mh	1.00
		1877	H	1.00				M	0.90
			L	0.80				L	0.60
		1878	H	0.80			1871	H	1.20
			M	0.75				mh	1.00
			L	0.70				M	0.90
		1879	H	0.80				ml	0.75
			mh	0.75				L	0.60
			M	0.70			1872	H	1.20
			L	0.60				mh	1.00
		1880	H	0.80				M	0.90
			mh	0.75				ml	0.75
			M	0.70				L	0.60
			L	0.60			1873	H	1.20
Ohio, . . . gal.		1851	L	0.40				mh	1.00
			H	0.35				M	0.90
		1852	L	0.45				ml	0.75
			M	0.40				L	0.60
			L	0.35			1874	H	1.20
		1853	H	0.50				M	1.00
			M	0.40				ml	0.80
			L	0.35				L	0.65
		1854	H	0.50			1875	H	1.00
			M	0.40				mh	0.90
			L	0.35				M	0.75
		1855	H	0.50				L	0.50
			M	0.40			1876	H	1.00
			L	0.35				mh	0.90
		1856	H	0.50				M	0.75
			M	0.40				ml	0.65
			L	0.35				L	0.50
		1857	H	0.50			1877	H	1.00
			L	0.37½				mh	0.90
		1858	H	0.50				M	0.80
			M	0.45				ml	0.70
			L	0.40				L	0.60
		1859	H	0.50			1878	H	1.00
			M	0.45				M	0.75
			L	0.40				ml	0.60
		1860	H	0.50				L	0.50
			L	0.40			1879	H	1.00
		1861	H	0.50				M	0.75
			L	0.40				ml	0.60
		1862	H	1.00				L	0.60

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Molasses (NEW ORLEANS) — Con.					Molasses (NEW ORLEANS) — Con.				
United States—Con.					United States—Con.				
Ohio, . . . gal.	1880	H	\$0.80		Pennsylvania, . . gal.	1879	L	\$0.65	
		M	0.70			1880	H	0.75	
		ml	0.65				M	0.70	
		L	0.60			1884	L	0.60	
Pennsylvania, . . gal.	1851	H	0.50				H	1.20	
		L	0.35				mh	1.00	
	1852	H	0.50				M	0.80	
		L	0.35				ml	0.60	
	1853	H	0.50				L	0.40	
		L	0.40			1886	M	0.60	
	1854	M	0.50		Tennessee, . . . gal.	1851	M	0.25	
	1855	M	0.50			1855	M	0.50	
	1856	H	0.55			1856	M	0.75	
		L	0.50			1857	M	1.00	
	1857	H	0.80			1863	M	1.50	
		L	0.50			1864	M	1.75	
	1858	H	0.60			1865	M	1.50	
		L	0.50			1866	M	1.50	
	1859	H	0.65			1867	M	1.25	
		L	0.50			1868	M	1.00	
	1860	H	0.60			1869	M	0.75	
		L	0.50			1870	M	0.75	
	1861	H	0.70			1871	H	0.60	
		M	0.50				L	0.50	
		L	0.40			1872	H	0.75	
	1862	H	0.65				L	0.60	
		L	0.50			1873	H	0.75	
	1863	H	0.80				L	0.60	
		L	0.60			1874	H	1.00	
	1864	H	1.20				L	0.55	
		L	0.70			1875	H	0.60	
	1865	H	1.25				L	0.46	
		L	0.80			1876	H	1.00	
	1866	H	1.20				L	0.55	
		M	1.10			1877	H	0.75	
		L	1.00				M	0.65	
	1867	H	1.12				L	0.56	
		M	1.00			1878	H	0.70	
		L	0.90				M	0.60	
	1868	H	1.10				L	0.45	
		L	1.00			1879	H	0.70	
	1869	H	1.12				L	0.50	
		L	1.00			1880	H	0.70	
	1870	M	1.00				M	0.60	
	1871	H	1.00				ml	0.55	
		L	0.95				L	0.47	
	1872	H	1.00		West Virginia, . . gal.	1851	M	0.40	
		L	0.90			1852	M	0.40	
	1873	H	1.00			1853	M	0.40	
		L	0.85			1854	M	0.40	
	1874	H	0.97			1855	M	0.40	
		L	0.75			1856	M	0.40	
	1875	H	1.00			1857	M	0.40	
		mh	0.90			1858	M	0.40	
		M	0.80			1859	M	0.40	
		L	0.70			1860	M	0.40	
	1876	H	0.90			1861	M	0.50	
		M	0.80			1862	M	0.75	
		L	0.70			1863	M	0.90	
	1877	H	0.90			1864	M	1.00	
		M	0.80			1865	M	0.90	
		ml	0.75			1866	M	0.90	
		L	0.70			1867	M	0.80	
	1878	H	0.90			1868	M	0.80	
		M	0.80			1869	M	0.80	
		ml	0.75			1870	M	0.75	
		L	0.70			1871	M	0.75	
	1879	H	0.75			1872	M	0.75	



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Molasses (New Orleans) — Con.					Molasses (Porto Rico) — Con.				
United States—Con.					United States—Con.				
West Virginia, . . . gal.	1873	M	\$0.75		Connecticut, . . . gal.	1874	L	\$0.50	
	1874	M	0.65			1875	H	0.85	
	1875	M	0.65				mh	0.75	
	1876	M	0.65				M	0.65	
	1877	M	0.80				ml	0.50	
	1878	M	0.80				L	0.40	
	1879	M	0.75			1876	H	0.90	
	1880	M	0.65				M	0.80	
							ml	0.75	
Foreign Countries.							L	0.70	
England, . . . gal.	1873	H	0.48			1877	H	0.80	
		L	0.36				mh	0.75	
	1878	H	0.48				M	0.70	
		L	0.40				L	0.60	
						1878	H	0.70	
Molasses (Porto Rico).							M	0.65	
United States.							L	0.60	
Connecticut, . . . gal.	1851	M	0.25			1879	H	0.75	
	1852	M	0.28				mh	0.70	
	1853	H	0.50				M	0.65	
		L	0.30				ml	0.58	
	1854	H	0.50				L	0.50	
		L	0.37			1880	H	0.70	
	1855	M	0.35				M	0.65	
	1856	M	0.35				L	0.60	
	1857	M	0.50		Illinois, . . . gal.	1861	M	0.60	
	1858	M	0.40			1862	M	0.75	
	1859	M	0.50			1863	M	0.90	
	1860	H	0.60			1864	M	0.90	
		M	0.48			1865	M	1.00	
		L	0.40			1866	M	0.80	
	1861	M	0.45			1867	M	0.70	
	1862	H	0.56			1868	M	0.70	
		M	0.50			1869	M	0.70	
		L	0.44			1870	M	0.70	
	1863	M	0.60			1871	M	0.75	
	1864	H	1.12			1872	M	0.75	
		M	1.00			1873	M	0.75	
		L	0.85			1874	M	0.75	
	1865	H	1.00			1875	M	0.75	
		L	0.78			1876	M	0.75	
	1866	H	0.90			1877	M	0.75	
		L	0.75			1878	M	0.75	
	1867	H	0.90			1879	M	0.70	
		L	0.75		Indiana, . . . gal.	1880	M	0.70	
	1868	H	0.90			1881	M	0.40	
		L	0.75			1882	M	0.40	
	1869	H	0.75			1883	M	0.40	
		M	1.00			1884	M	0.35	
		L	0.90			1885	M	0.35	
		L	0.80			1886	M	0.35	
	1870	H	0.90			1887	M	0.35	
		L	0.68			1888	M	0.40	
	1871	H	0.90			1889	M	0.40	
		M	0.80			1890	M	0.40	
		L	0.70			1891	M	0.50	
	1872	H	0.90			1892	M	0.50	
		L	0.70			1893	M	0.75	
	1873	H	0.87			1894	M	1.00	
		mh	0.80			1895	M	1.00	
		M	0.75			1896	M	0.80	
		ml	0.70			1897	M	0.80	
		L	0.65			1898	M	0.60	
	1874	H	0.90			1899	M	0.60	
		mh	0.80			1900	M	0.60	
		M	0.70			1901	M	0.60	
		ml	0.60			1902	M	0.60	

## GRADED PRICES—Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Molasses (PORTO Rico) — Con.					Molasses (PORTO Rico) — Con.				
United States—Con.					United States—Con.				
Indiana, . . . . gal.		1874	M	\$0.55	Massachusetts, . . gal.		1856	L	\$0.44
		1875	M	0.55			1857	H	0.80
		1876	M	0.50				L	0.68
		1877	M	0.50			1858	H	0.45
		1878	M	0.50				L	0.40
		1879	M	0.40			1859	H	0.46
		1880	M	0.40				L	0.41
Iowa, . . . . gal.		1861	M	0.30			1860	H	0.48
		1862	M	0.30				L	0.30½
		1863	M	0.40			1861	H	0.44
		1864	M	0.40				L	0.24½
		1865	M	0.50			1862	H	0.50
		1866	M	0.50				L	0.31
		1867	M	0.60			1863	H	0.65
		1868	M	0.70				L	0.45½
		1869	M	0.60			1864	H	1.12
		1870	M	0.50				L	0.76½
		1871	M	0.60			1865	H	0.80
		1872	M	0.60				M	0.66
		1873	M	0.60				L	0.61½
		1874	M	0.60			1866	H	0.90
		1875	M	0.50				L	0.56½
		1876	M	0.50			1867	H	0.90
		1877	M	0.50				L	0.50
		1878	M	0.50			1868	H	0.90
		1879	M	0.40				L	0.52
		1880	M	0.40			1869	H	0.90
Maryland, . . . gal.		1851	M	0.40				M	0.68
		1852	M	0.40				L	0.56½
		1853	M	0.35			1870	H	0.85
		1854	M	0.35				M	0.47
		1855	M	0.50				L	0.41½
		1856	M	0.60			1871	H	0.75
		1857	M	0.75				M	0.62½
		1858	M	0.40				L	0.48½
		1859	M	0.40			1872	H	0.75
		1860	M	0.40				M	0.57½
		1861	M	0.35				L	0.39
		1862	M	0.40			1873	H	0.80
		1863	M	0.50				M	0.56½
		1864	M	1.00				L	0.38
		1865	M	0.80			1874	H	0.80
		1866	M	0.80				M	0.67
		1867	M	0.80				L	0.45½
		1868	M	0.80			1875	H	0.80
		1869	M	0.80				M	0.58½
		1870	M	0.75				L	0.40
		1871	M	0.60			1876	H	0.80
		1872	M	0.60				M	0.57½
		1873	M	0.60				L	0.37½
		1874	M	0.60			1877	H	0.75
		1875	M	0.60				M	0.59
		1876	M	0.60				L	0.41½
		1877	M	0.60			1878	H	0.68
		1878	M	0.60				L	0.60
		1879	M	0.60			1879	H	0.60
		1880	M	0.60				M	0.43
Massachusetts, . . gal.		1851	H	0.38				L	0.29
			L	0.28			1880	H	0.75
		1852	H	0.27				mh	0.65
			L	0.23½				M	0.56
		1853	H	0.28				ml	0.50
			L	0.25				L	0.37
		1854	H	0.38			1885	H	0.70
			L	0.30				mh	0.65
		1855	H	0.40				M	0.56
			L	0.32				ml	0.50
		1856	H	0.55				L	0.45

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Molasses (PORTO Rico) — Con.					Molasses (PORTO Rico) — Con.				
United States—Con.					United States—Con.				
Massachusetts, . . . gal.	1891	H	\$0.70		New York, . . . gal.	1868	L	\$0.80	
		mh	0.60			1869	H	0.90	
		M	0.50				L	0.80	
		ml	0.45			1870	H	1.00	
		L	0.35				M	0.90	
Minnesota, . . . gal.	1890	H	0.58				ml	0.80	
		L	0.38				L	0.75	
New Jersey, . . . gal.	1867	M	0.67			1871	H	1.00	
	1869	M	0.89				L	0.80	
	1874	M	0.73½			1872	H	1.00	
New York, . . . gal.	1851	H	0.75				L	0.80	
		M	0.50			1873	H	1.00	
		ml	0.40				L	0.80	
		L	0.30			1874	H	1.00	
	1852	H	0.75				M	0.80	
		M	0.50				ml	0.75	
		ml	0.44				L	0.70	
		L	0.38			1875	H	1.00	
	1853	H	0.75				M	0.80	
		M	0.50				L	0.60	
		ml	0.44			1876	H	0.80	
		L	0.38				L	0.75	
	1854	H	0.75			1877	H	0.80	
		M	0.50				M	0.75	
		ml	0.44				L	0.70	
		L	0.34			1878	H	0.80	
	1855	H	0.75				M	0.75	
		M	0.50				L	0.60	
		ml	0.44			1879	H	0.80	
		L	0.38				M	0.60	
	1856	H	0.75				L	0.50	
		M	0.60			1880	H	0.80	
		ml	0.56				L	0.50	
		L	0.50		Ohio, . . . . gal.	1851	M	0.50	
	1857	H	0.80			1852	M	0.60	
		mh	0.75			1853	M	0.45	
		M	0.65			1854	M	0.50	
		ml	0.50			1855	M	0.60	
		L	0.44			1856	M	0.50	
	1858	H	0.80			1857	M	0.50	
		M	0.63			1859	M	0.60	
		ml	0.50			1860	M	0.55	
		L	0.40			1861	H	0.60	
	1859	H	0.80				M	0.50	
		M	0.50				L	0.35	
		ml	0.44			1862	M	0.60	
		L	0.38			1863	H	1.25	
	1860	H	0.80				L	0.75	
		M	0.60			1864	H	1.25	
		ml	0.44				L	0.75	
		L	0.38			1865	H	1.25	
	1861	H	0.75				M	1.00	
		M	0.56				L	0.75	
		L	0.40			1866	H	1.25	
	1862	H	0.75				L	0.80	
		L	0.50			1867	H	1.50	
	1863	H	0.75				M	1.25	
		L	0.56				ml	1.00	
	1864	H	1.25				L	0.85	
		M	1.00			1868	H	1.50	
		L	0.88				M	1.25	
	1865	H	1.37½				ml	1.00	
		L	1.00				L	0.80	
	1866	H	1.00			1869	H	1.45	
		L	0.80				mh	1.25	
	1867	H	1.00				M	1.00	
		L	0.80				L	0.80	
	1868	H	1.00			1870	H	1.40	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Molasses (Porto Rico) — Con.</b>					<b>Molasses (Porto Rico) — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Ohio, . . . gal.	1870	mh		\$1.25	Pennsylvania, . . gal.	1872	H		\$0.75
		M		1.00			L		0.60
		L		0.80		1873	H		0.70
	1871	H		1.25			L		0.55
		mh		1.00		1874	H		0.73
		M		0.90			M		0.60
		ml		0.75			L		0.55
		L		0.65		1875	H		0.80
	1872	H		1.25			M		0.65
		M		1.00			L		0.50
		L		0.75		1876	H		0.60
	1873	H		1.15			L		0.50
		M		1.00		1877	H		0.60
		L		0.75			L		0.48
	1874	H		1.15		1878	H		0.55
		mh		1.00			M		0.50
		M		0.90			L		0.45
		L		0.65		1879	H		0.55
	1875	H		1.00			L		0.45
		M		0.80		1880	H		0.50
		L		0.65			M		0.45
	1876	H		1.00			L		0.40
		M		0.80		1870	M		1.00
		L		0.65	Tennessee, . . gal.	1871	M		0.50
	1877	H		1.00		1879	H		0.60
		M		0.80			L		0.50
		L		0.60		1880	M		0.50
	1878	H		0.80		1851	M		0.30
		L		0.60	West Virginia, . gal.	1852	M		0.30
	1879	H		0.80		1853	M		0.30
		M		0.60		1854	M		0.30
		L		0.50		1855	M		0.30
	1880	H		0.75		1856	M		0.30
		M		0.60		1857	M		0.30
		ml		0.55		1858	M		0.30
		L		0.50		1859	M		0.30
Pennsylvania, . . gal.	1851	M		0.30		1860	M		0.25
	1852	M		0.30		1861	M		0.50
	1853	M		0.35		1862	M		0.60
	1854	M		0.40		1863	M		0.80
	1855	M		0.40		1864	M		0.90
	1856	M		0.31		1865	M		0.80
	1857	M		0.45		1866	M		0.80
	1858	H		0.60		1867	M		0.75
		L		0.35		1868	M		0.75
	1859	M		0.40		1869	M		0.75
	1860	M		0.35		1870	M		0.60
	1861	M		0.40		1871	M		0.40
	1862	H		0.40		1872	M		0.40
		L		0.35		1873	M		0.50
	1863	M		0.50		1874	M		0.50
	1864	H		0.80		1875	M		0.40
		L		0.65		1876	M		0.40
	1865	H		1.00		1877	M		0.60
		L		0.80		1878	M		0.60
	1866	H		0.80		1879	M		0.45
		L		0.75		1880	M		0.40
	1867	H		0.81	<i>Foreign Countries.</i>				
		M		0.75	England, . . . gal.	1873	H		0.48
		L		0.60			L		0.32
	1868	H		0.75		1878	H		0.48
		L		0.65			L		0.32
	1869	H		0.77	<b>Molasses</b> (SYRUP).				
		L		0.65	<i>United States.</i>				
	1870	H		0.70	California, . . gal.	1884	M		0.50
		L		0.60	Colorado, . . gal.	1888	H		2.00
	1871	H		0.75					
		L		0.60					

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Molasses</b> (SYRUP) — Con.					<b>Molasses</b> (SYRUP) — Con.				
<i>United States</i> —Con.					<i>United States</i> —Con.				
Colorado, . . . gal.	1888	mh	\$1.75		Florida, . . . gal.	1873	M	\$1.00	
		M	1.25			1874	M	1.00	
		ml	0.90			1875	M	0.80	
		L	0.46			1876	M	1.00	
Connecticut, . . gal.	1851	M	0.50			1877	M	0.90	
	1852	M	0.50			1878	M	0.90	
	1853	H	1.25			1880	M	0.75	
		M	1.00		Illinois, . . . gal.	1851	M	0.75	
		L	0.50			1852	M	0.60	
	1854	M	0.65			1853	M	0.60	
	1855	M	0.55			1854	M	0.50	
	1856	M	0.58			1855	M	0.50	
	1857	M	0.60			1856	M	0.85	
	1858	M	0.55			1857	H	1.00	
	1859	M	0.60				L	0.85	
	1860	H	1.00			1858	H	0.85	
		L	0.50				L	0.50	
	1861	H	1.00			1859	M	0.85	
		L	0.50			1860	H	0.85	
	1862	H	0.75				L	0.60	
		L	0.60			1861	M	0.70	
	1863	M	0.80			1862	M	0.80	
	1864	H	1.75			1863	M	1.00	
		L	1.12			1864	H	1.25	
	1865	H	1.60				L	1.00	
		M	1.15			1865	H	1.25	
		L	1.00				L	1.15	
	1866	H	1.15			1866	M	1.00	
		L	0.75			1867	M	0.90	
	1867	M	1.25			1868	M	0.90	
	1868	H	1.50			1869	H	1.30	
		L	1.30				L	1.00	
	1869	M	1.50			1870	H	1.25	
	1870	H	1.40				M	1.00	
		M	0.80				L	0.90	
		L	0.60			1871	H	1.25	
	1871	H	1.30				M	1.00	
		L	0.65				L	0.90	
	1872	H	1.10			1872	H	1.00	
		L	0.75				L	0.90	
	1873	H	1.12			1873	H	1.00	
		L	0.85				L	0.90	
	1874	H	1.75			1874	H	1.00	
		mh	1.45				L	0.90	
		M	1.12			1875	H	1.00	
		ml	0.80				L	0.90	
		L	0.50			1876	H	1.00	
	1875	H	1.50				L	0.90	
		mh	1.25			1877	H	1.00	
		M	1.00				L	0.90	
		ml	0.80			1878	M	0.90	
		L	0.50			1879	H	0.90	
	1876	H	1.25				L	0.80	
		M	1.12			1880	H	0.90	
		L	1.00				L	0.80	
	1877	M	1.00		Indiana, . . . gal.	1851	M	0.90	
	1878	H	1.08			1852	M	0.90	
		L	0.75			1853	M	0.90	
	1879	H	1.00			1854	M	0.95	
		L	0.75			1855	M	0.95	
	1880	H	1.12			1856	M	0.85	
		L	0.75			1857	M	0.85	
Florida, . . . gal.	1866	M	2.00			1858	M	0.80	
	1867	M	2.00			1859	M	0.85	
	1868	M	1.50			1860	M	0.80	
	1869	M	1.00			1861	M	0.75	
	1871	M	1.00			1862	M	0.80	
	1872	M	1.00			1863	M	1.00	



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Molasses (SYRUP) — Con.					Molasses (SYRUP) — Con.				
United States—Con.					United States—Con.				
Indiana, . . . . gal.	1864	M		\$1.00	Kansas, . . . . gal.	1880	M		\$0.80
	1865	H		1.60		1882	M		0.70
		L		1.00		1885	H		0.90
	1866	H		1.50			L		0.40
		L		1.20	Kentucky, . . . gal.	1873	M		0.62½
	1867	H		1.50		1874	M		0.62½
		L		1.20		1875	M		0.62½
	1868	H		1.50		1876	M		0.80
		L		0.75		1877	M		0.67½
	1869	H		1.60	Maryland, . . . gal.	1851	M		0.60
		L		0.75		1852	M		0.60
	1870	H		1.60		1853	M		0.60
		L		0.80		1854	M		0.60
	1871	H		1.50		1855	M		0.60
		L		1.00		1856	M		0.80
	1872	H		1.40		1857	M		0.80
		L		1.00		1858	M		0.50
	1873	H		1.00		1859	M		0.60
		L		0.90		1860	M		0.60
	1874	M		0.95		1861	M		0.60
	1875	H		1.00		1862	M		0.60
		L		0.90		1863	M		0.70
	1876	H		0.90		1864	M		1.40
		L		0.80		1865	M		1.40
	1877	H		1.00		1866	M		1.00
		M		0.90		1867	M		1.00
		L		0.80		1868	M		1.10
	1878	H		0.90		1869	M		1.10
		L		0.80		1870	M		1.00
	1879	H		0.75		1871	M		0.80
		L		0.60		1872	M		0.80
	1880	H		0.75		1873	M		0.75
		L		0.60		1874	M		0.75
Iowa, . . . . gal.	1861	M		0.50		1875	M		0.75
	1862	M		0.60		1876	M		0.75
	1863	M		0.60		1877	M		0.75
	1864	M		0.70		1878	M		0.60
	1865	M		0.70		1879	M		0.60
	1866	M		1.00		1880	M		0.60
	1867	M		1.00		1885	H		0.75
	1868	M		0.90			L		0.50
	1869	M		0.80	Massachusetts, . gal.	1854	M		0.40
	1870	M		0.70		1856	M		0.88
	1871	M		1.00		1857	M		0.76
	1872	M		1.00		1858	H		0.50
	1873	M		1.00			L		0.40
	1874	M		1.00		1859	M		0.45
	1875	M		0.90		1860	M		1.00
	1876	M		0.80		1861	M		1.00
	1877	M		0.80		1862	M		1.10
	1878	M		0.60		1863	M		1.25
	1879	M		0.60		1864	M		1.40
	1880	M		0.60		1865	M		1.50
	1887	H		0.98½		1866	M		1.40
		mh		0.82		1867	M		1.40
		M		0.66		1868	M		1.40
		ml		0.50		1869	M		1.40
		L		0.34		1870	M		1.40
Kansas, . . . . gal.	1871	M		1.00		1871	H		1.40
	1872	M		1.00			L		0.39
	1873	M		1.10		1872	H		1.40
	1874	M		1.00			L		0.34½
	1875	H		1.00		1873	H		1.25
		L		0.75			L		0.36
	1876	M		1.00		1874	H		1.25
	1877	M		1.00			L		0.40½
	1878	M		0.95		1875	H		1.25
	1879	M		0.90			L		0.39

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Molasses</b> (SYRUP) — Con.					<b>Molasses</b> (SYRUP) — Con.				
<i>United States-Con.</i>					<i>United States-Con.</i>				
Massachusetts, . . gal.	1876	H	\$1.25		Missouri, . . . gal.	1875	L	\$0.80	
	1877	L	0.34 $\frac{2}{3}$			1876	H	1.00	
		H	1.20				L	0.70	
	1878	L	0.40			1877	H	0.80	
	1879	M	1.00				L	0.70	
		H	1.00			1878	H	0.80	
		L	0.22				L	0.60	
	1880	H	1.00			1879	M	0.60	
		M	0.60			1880	M	0.60	
		L	0.34			1889	H	1.00	
	1885	H	0.60				M	0.60	
		L	0.50				ml	0.50	
	1891	H	1.25				L	0.40	
		M	1.00		New Jersey, . . gal.	1851	M	0.50	
		ml	0.60			1852	M	0.50	
Michigan, . . . gal.	1885	L	0.45			1853	M	0.50	
		H	1.25			1854	M	0.55	
		mh	0.98			1855	M	0.50	
		M	0.83			1856	M	0.56	
		ml	0.64			1857	M	0.56	
		L	0.45			1858	M	0.60	
Minnesota, . . . gal.	1890	H	1.75			1859	M	0.60	
		M	1.15			1860	M	0.60	
		ml	0.60			1861	M	0.56	
		L	0.40			1862	M	0.64	
Missouri, . . . gal.	1851	H	0.75			1863	M	0.92	
		L	0.60			1864	M	1.60	
	1852	M	0.60			1865	M	1.50	
	1853	M	0.70			1866	M	1.40	
	1854	M	0.60			1867	H	1.35	
	1855	M	0.70				L	1.14	
	1856	M	0.75			1868	M	1.30	
	1857	M	1.00			1869	H	1.25	
	1858	H	1.00				L	1.18	
		L	0.75			1870	M	1.20	
	1859	H	0.90			1871	M	1.25	
		L	0.75			1872	M	1.20	
	1860	H	1.00			1873	M	1.10	
		L	0.70			1874	H	1.10	
	1861	H	0.80				L	1.00	
		L	0.70			1875	M	1.10	
	1862	H	0.90			1876	M	1.00	
		L	0.80			1877	M	1.00	
	1863	H	2.00			1878	H	0.90	
		L	1.00				M	0.72	
	1864	H	2.00				L	0.40	
		L	1.40			1879	M	0.75	
	1865	H	1.80			1880	M	0.72	
		L	1.40		New York, . . . gal.	1851	H	0.75	
	1866	H	1.60				M	0.62 $\frac{1}{2}$	
		L	1.40				ml	0.50	
	1867	H	1.65				L	0.40	
		L	1.30			1852	H	0.75	
	1868	H	1.80				L	0.50	
		L	1.20			1853	H	0.75	
	1869	H	1.80				L	0.50	
		L	1.00			1854	H	1.25	
	1870	H	1.40				M	0.75	
		L	0.80				L	0.50	
	1871	H	1.25			1855	H	0.75	
		L	0.80				M	0.62 $\frac{1}{2}$	
	1872	H	1.20				L	0.50	
		L	0.80			1856	H	0.75	
	1873	H	1.20				M	0.62 $\frac{1}{2}$	
		L	0.80				L	0.50	
	1874	H	1.00			1857	H	0.81	
		L	0.70				L	0.50	
	1875	H	1.00			1858	H	0.80	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
<b>Molasses</b> (SYRUP) — Con.					<b>Molasses</b> (SYRUP) — Con				
<i>United States—Con.</i>					<i>United States—Con.</i>				
New York, . . . gal.	1858	M	\$0.70		New York, . . . gal.	1880	H	\$0.80	
		L	0.44				M	0.60	
	1859	H	0.80				L	0.50	
		M	0.60			1851	H	0.75	
		L	0.44				M	0.65	
	1860	H	0.80				L	0.50	
		M	0.62½			1852	H	0.75	
		L	0.50				L	0.50	
	1861	H	0.75			1853	H	0.75	
		M	0.64				L	0.50	
		L	0.50			1854	H	0.75	
	1862	H	0.75				L	0.60	
		L	0.60			1855	H	1.00	
	1863	H	0.88				M	0.75	
		M	0.75				L	0.60	
		L	0.66			1856	H	0.85	
	1864	H	2.00				M	0.75	
		M	1.40				L	0.60	
		L	1.00			1857	H	1.00	
	1865	H	1.50				M	0.75	
		M	1.25				L	0.60	
		L	1.00			1858	H	0.75	
	1866	H	2.00				L	0.60	
		M	1.25			1859	H	0.75	
		ml	1.00				L	0.60	
		L	0.80			1860	H	0.75	
	1867	H	1.37½				L	0.55	
		mh	1.25			1861	H	0.75	
		M	1.00				L	0.60	
		L	0.80			1862	H	0.80	
	1868	H	1.50				L	0.60	
		M	1.25			1863	H	1.50	
		ml	1.00				M	1.00	
		L	0.80				ml	0.90	
	1869	H	1.50				L	0.65	
		M	1.18			1864	H	1.60	
		ml	1.00				mh	1.50	
		L	0.80				M	1.40	
	1870	H	1.50				L	1.25	
		M	1.10			1865	H	1.60	
		ml	1.00				mh	1.50	
		L	0.80				M	1.40	
	1871	H	1.50				ml	1.25	
		M	1.25				L	0.85	
		L	1.00			1866	H	1.50	
	1872	H	1.25				L	0.85	
		M	1.00			1867	H	2.00	
		L	0.80				mh	1.60	
	1873	H	1.10				M	1.50	
		M	1.00				L	0.70	
		L	0.80			1868	H	1.80	
	1874	H	1.00				M	1.25	
		L	0.80				L	0.65	
	1875	H	1.00			1869	H	1.75	
		M	0.85				M	1.25	
		L	0.75				ml	1.00	
	1876	H	1.00				L	0.70	
		L	0.75			1870	H	1.75	
	1877	H	1.00				M	1.25	
		mh	0.90				ml	1.10	
		M	0.80				L	1.00	
		L	0.60			1871	H	1.75	
	1878	H	0.80				M	1.20	
		M	0.70				ml	1.00	
		L	0.60				L	0.80	
	1879	H	0.80			1872	H	1.50	
		M	0.60				mh	1.20	
		L	0.50				M	1.00	

GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.								FOOD PRODUCTS — Con.							
Molasses (SYRUP) — Con.								Molasses (SYRUP) — Con.							
United States—Con.								United States—Con.							
Ohio, . . .	gal.	1872	ml	\$0.90				Pennsylvania, . . .	gal.	1866	L	\$0.90			
			L	0.70						1867	H	1.50			
		1873	H	1.25							mh	1.25			
			mh	1.00							M	1.00			
			M	0.90						1868	L	0.75			
			ml	0.70							H	1.40			
			L	0.60							M	1.00			
		1874	H	1.25							L	0.85			
			M	1.00						1869	H	1.25			
			ml	0.80							mh	1.16			
			L	0.60							M	1.00			
		1875	H	1.20							L	0.85			
			mh	1.10						1870	H	1.00			
			M	0.90							L	0.80			
			ml	0.75						1871	H	1.00			
			L	0.60							L	0.85			
		1876	H	1.00						1872	H	1.00			
			M	0.80							L	0.85			
			L	0.60						1873	H	1.00			
		1877	H	1.00							M	0.90			
			mh	0.90							L	0.80			
			M	0.80						1874	H	1.00			
			ml	0.65							L	0.80			
			L	0.50						1875	H	1.00			
		1878	H	1.00							M	0.90			
			mh	0.90							L	0.80			
			M	0.80						1876	H	0.90			
			ml	0.70							mh	0.80			
			L	0.50							L	0.64			
		1879	H	1.00						1877	H	0.90			
			mh	0.90							M	0.80			
			M	0.80							L	0.60			
			ml	0.70						1878	H	0.90			
			L	0.50							M	0.75			
		1880	H	1.00							L	0.60			
			mh	0.90						1879	H	0.80			
			M	0.80							M	0.70			
			ml	0.65							ml	0.60			
			L	0.50							L	0.50			
		1887	H	1.00						1880	H	0.75			
			mh	0.80							L	0.60			
			M	0.70						Tennessee, . . .	gal.	1855	M	1.00	
			ml	0.60							1856	M	1.00		
			L	0.40							1857	M	1.25		
Pennsylvania, . . .	gal.	1851	M	0.60							1867	M	1.00		
		1852	M	0.60							1868	M	1.00		
		1853	M	0.60							1869	M	1.00		
		1854	M	0.60							1870	M	0.60		
		1855	M	0.60							1871	M	0.75		
		1856	M	0.60							1872	M	0.75		
		1857	H	1.00							1873	M	0.75		
			L	0.60							1874	M	1.00		
		1858	M	0.60							1875	M	0.80		
		1859	H	0.75							1876	M	1.00		
			L	0.60							1877	H	1.00		
		1860	M	0.60								M	0.75		
		1861	H	0.65								L	0.61		
			L	0.50							1878	M	0.85		
		1862	M	0.60							1879	H	0.85		
		1863	H	0.75								L	0.75		
			L	0.55							1885	H	0.85		
		1864	H	1.60								M	0.60		
			M	1.00								L	0.43		
			L	0.60						West Virginia, . . .	gal.	1851	M	0.40	
		1865	H	1.60								1852	M	0.40	
			M	1.25								1853	M	0.40	
			L	0.80								1854	M	0.40	
		1866	H	1.50								1855	M	0.40	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Molasses</b> (SYRUP) — Con.					<b>Mustard — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
West Virginia, . gal.	1856	M	\$0.40		Minnesota, . lb.	1890	L	\$0.20	
	1857	M	0.40		Missouri, . lb.	1889	M	0.50	
	1858	M	0.40		Pennsylvania, . lb.	1879	H	0.80	
	1859	M	0.40				L	0.50	
	1860	M	0.40		<i>Foreign Countries.</i>				
	1861	M	0.50		Scotland, . lb.	1878	M	0.40	
	1862	M	0.75						
	1863	M	1.00		<b>Nutmegs.</b>				
	1864	M	1.25		<i>United States.</i>				
	1865	M	1.00		Connecticut, . lb.	1860	M	1.00	
	1866	M	1.00			1887	M	1.00	
	1867	M	1.00		Maine, . lb.	1887	M	1.00	
	1868	M	1.00		Massachusetts, . lb.	1830	H	2.40	
	1869	M	1.00				L	1.92	
	1870	M	0.90			1831	H	1.92	
	1871	M	0.45				L	1.68	
	1872	M	0.45			1832	H	2.24	
	1873	M	0.50				L	2.00	
	1874	M	0.50			1833	M	1.92	
	1875	M	0.45			1835	M	2.00	
	1876	M	0.45			1837	M	1.92	
	1877	M	0.50			1839	H	2.08	
	1878	M	0.50				L	1.76	
	1879	M	0.45			1841	M	1.60	
	1880	M	0.45			1842	M	1.60	
Wisconsin, . gal.	1880	M	0.60			1843	M	1.62	
	1881	M	0.60			1844	H	1.60	
	1882	M	0.60				L	1.44	
	1883	M	0.50			1845	H	1.76	
	1884	M	0.50				L	1.57	
<i>Foreign Countries.</i>						1846	H	1.83	
England, . gal.	1873	M	0.60				L	1.76	
	1878	H	0.60			1847	H	1.84	
		M	0.48				M	1.76	
		L	0.40				L	1.64	
Scotland, . gal.	1878	M	0.48			1849	M	1.76	
						1850	H	1.92	
<b>Mustard.</b>							L	1.71	
<i>United States.</i>						1852	M	1.60	
Massachusetts, . lb.	1830	M	0.40			1854	M	1.59	
	1833	H	0.56			1855	M	1.44	
		L	0.25			1856	H	1.60	
	1837	H	0.38				L	1.32	
		L	0.17			1857	H	1.58	
	1839	H	0.34				L	1.00	
		L	0.17			1858	H	1.00	
	1842	M	0.17				L	0.77	
	1843	H	0.48			1859	H	1.12	
		L	0.34				L	0.97	
	1844	M	0.15			1860	M	1.44	
	1845	H	0.41			1891	H	0.96	
		L	0.30				M	0.85	
	1847	M	0.40				L	0.80	
	1848	M	0.40		Minnesota, . lb.	1890	M	0.40	
	1850	H	0.48		New Jersey, . lb.	1878	M	1.60	
		L	0.40						
	1851	M	0.40		<b>Peaches</b> (CANNED).				
	1854	M	0.41		<i>United States.</i>				
	1860	M	0.35		Kansas, . can	1885	H	0.30	
	1878	M	0.60				M	0.15	
	1891	H	0.25				ml	0.12½	
		L	0.15				L	0.06½	
Minnesota, . lb.	1890	H	0.60						
		M	0.40						
		ml	0.30						



GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Peaches</b> (CANNED) — Con.					<b>Pears (CANNED)</b> — Con.				
<i>United States</i> —Con.					<i>United States</i> —Con.				
Massachusetts, . . . can	1880	H	\$0.30	Massachusetts, . . . can	1880	mh	\$0.32		
		mh	0.25			M	0.25		
		M	0.22			ml	0.20		
		ml	0.18			L	0.14		
		L	0.14			H	0.38		
	1885	H	0.30			mh	0.30		
		mh	0.25			M	0.25		
		M	0.20			ml	0.17		
		ml	0.16			L	0.12		
		L	0.12			H	0.40		
	1891	H	0.45			mh	0.33		
		mh	0.37			M	0.25		
		M	0.28			ml	0.18		
		ml	0.20			L	0.13		
		L	0.12			H	0.25		
Minnesota, . . . can	1890	H	0.35	Minnesota, . . . can	1890	M	0.20		
		mh	0.30			L	0.10		
		M	0.23	Missouri, . . . can	1889	H	0.25		
		ml	0.17			L	0.20		
		L	0.10						
Missouri, . . . can	1889	H	0.40						
		mh	0.30						
		M	0.25						
		ml	0.15						
		L	0.10						
		M	0.18						
New Jersey, . . . can	1878	H	0.25						
	1886	mh	0.20						
		M	0.15						
		ml	0.12						
		L	0.08						
<i>Foreign Countries.</i>									
Germany, . . . can	1878	M	0.35						
Saxony, . . . can	1878	M	0.35						
<b>Peaches (DRIED).</b>									
<i>United States.</i>									
Connecticut, . . . lb.	1860	M	0.20						
	1887	M	0.25						
Illinois, . . . lb.	1884	H	0.37						
		mh	0.30						
		M	0.20						
		ml	0.12½						
		L	0.05						
Massachusetts, . . lb.	1891	M	0.25						
Minnesota, . . . lb.	1890	H	0.30						
		M	0.20						
		L	0.15						
Missouri, . . . lb.	1889	M	0.06						
New Jersey, . . . lb.	1886	H	0.35						
		mh	0.30						
		M	0.20						
		ml	0.12						
		L	0.05						
Wisconsin, . . . lb.	1880	M	0.05						
	1881	M	0.07						
	1882	M	0.07						
	1883	M	0.10						
	1884	M	0.08						
<b>Pears (CANNED).</b>									
<i>United States.</i>									
Kansas, . . . can	1885	M	0.30						
Massachusetts, . . can	1880	H	0.40						

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Pease (DRIED)</b> — Con.					<b>Pepper—Con.</b>				
<i>Foreign Countries</i> — Con.					<i>United States—Con.</i>				
Germany, . . . qt.		1873	M	\$0.05	Massachusetts, . lb.	1845	L		\$0.16
		1874	M	0.06		1846	H		0.60
		1875	M	0.07			L		0.23
		1876	H	0.08		1847	M		0.24
			L	0.06		1848	H		0.23
		1877	M	0.06			L		0.16
		1878	H	0.09		1849	H		0.23
			M	0.07			L		0.14
			L	0.06		1850	H		0.96
		1879	M	0.06			L		0.14
		1880	M	0.06		1851	M		0.23
		1881	H	0.07 $\frac{1}{2}$		1852	M		0.23
			L	0.05		1854	H		0.76
		1882	H	0.07 $\frac{1}{2}$			L		0.14
			L	0.05		1855	H		0.24
		1883	M	0.06			L		0.18
		1884	M	0.06		1856	M		0.18
		1885	M	0.02 $\frac{1}{2}$		1857	H		0.24
		1886	M	0.05			L		0.20
		1887	M	0.06		1858	H		0.23
		1888	M	0.06			L		0.12
		1889	H	0.16		1859	M		0.22
			M	0.11 $\frac{1}{2}$		1860	M		0.20
			L	0.04 $\frac{1}{2}$		1891	H		0.50
Hawaiian Islands, . qt.		1881	M	0.19			mh		0.40
Hesse, . . . qt.		1887	M	0.06			M		0.30
		1888	M	0.06			ml		0.25
Japan, . . . qt.		1880	M	0.04			L		0.20
		1881	M	0.15	Minnesota, . . lb.	1890	H		0.40
Mexico, . . . qt.		1882	M	0.50			L		0.35
		1883	M	0.12 $\frac{1}{2}$	Missouri, . . lb.	1886	M		0.40
Nova Scotia, . . qt.		1890	M	0.03		1889	M		0.35
Prussia, . . . qt.		1880	M	0.06	New Jersey, . . lb.	1878	H		0.48
		1881	M	0.06			L		0.40
Spain, . . . qt.		1889	H	0.22 $\frac{1}{2}$	Wisconsin, . . lb.	1880	M		0.30
			L	0.08 $\frac{1}{2}$		1881	M		0.30
Wurtemberg, . . qt.		1882	H	0.11 $\frac{1}{2}$		1882	M		0.30
			mh	0.09		1883	M		0.25
			M	0.07		1884	M		0.20
			ml	0.05					
			L	0.02	<i>Foreign Countries.</i>				
<b>Pepper.</b>					France, . . . lb.	1882	M		0.80
<i>United States.</i>					Mexico, . . . lb.	1883	H		0.25
Connecticut, . . lb.		1860	M	0.20			L		0.15 $\frac{1}{2}$
		1887	M	0.35	Nova Scotia, . . lb.	1890	M		0.25
Massachusetts, . lb.		1830	H	0.38	Turkey, . . . lb.	1881	M		0.12
			L	0.25	United States of				
		1831	H	0.80	Colombia, . . lb.	1883	M		0.40
			M	0.40					
			L	0.26	<b>Pickles.</b>				
		1832	M	0.34	<i>United States.</i>				
		1834	M	0.20	Maine, . . . gal.	1858	M		0.33
		1835	H	0.67		1868	M		0.80
			M	0.32		1878	M		0.50
			L	0.17		1888	M		0.50
		1837	H	0.22		1880	H		0.64
			L	0.16	Massachusetts, . gal.		mh		0.60
		1838	M	0.23			M		0.52
		1839	M	0.23			ml		0.48
		1840	M	0.16			L		0.40
		1841	H	0.21			H		0.64
			L	0.16			mh		0.60
		1843	H	1.00			M		0.52
			L	0.18			ml		0.48
		1844	H	0.24			L		0.40
			L	0.16		1891	H		0.80
		1845	H	0.66			mh		0.72



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Raisins — Con.</b>					<b>Sago — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Massachusetts, . lb.	1854	H	\$0.17		Maine, . . . lb.	1888	M	\$0.10	
		L	0.13		Massachusetts, . lb.	1847	M	0.10	
	1855	H	0.16			1848	M	0.10	
		L	0.11			1849	M	0.12	
	1856	H	0.20			1851	H	0.11	
		L	0.16				L	0.08	
	1857	H	0.22			1852	M	0.10	
		L	0.12			1854	M	0.12	
	1858	H	0.14			1856	M	0.12	
		L	0.09			1857	M	0.12	
	1859	H	0.16			1858	M	0.07	
		L	0.13			1859	M	0.10	
	1860	H	0.16			1891	M	0.10	
		M	0.14		Minnesota, . . lb.	1890	M	0.07	
		L	0.12						
	1880	H	0.18		<i>Foreign Countries.</i>				
		mh	0.18		England, . . . lb.	1878	H	0.10	
		M	0.14				L	0.08	
		ml	0.12			1882	H	0.08	
		L	0.10				L	0.04	
	1885	H	0.20			1883	H	0.08	
		mh	0.18				M	0.06	
		M	0.15				L	0.04	
		ml	0.13						
		L	0.10		<b>Salt.</b>				
	1891	H	0.40		<i>United States.</i>				
		mh	0.30		Illinois, . . . lb.	1884	H	0.02 $\frac{1}{2}$	
		M	0.25				mh	0.02	
		ml	0.16				M	0.01 $\frac{1}{2}$	
		L	0.08				L	0.01	
Minnesota, . . lb.	1890	H	0.20		Maine, . . . lb.	1858	M	0.01	
		M	0.15			1868	M	0.02	
		ml	0.12 $\frac{1}{2}$			1878	M	0.01	
		L	0.10			1888	M	0.01	
Missouri, . . . lb.	1889	H	0.17 $\frac{1}{2}$		Massachusetts, . lb.	1830	H	0.02	
		M	0.15				L	0.01	
		L	0.12 $\frac{1}{2}$			1831	M	0.01	
New Jersey, . . lb.	1878	H	0.15			1832	H	0.02	
		L	0.10				L	0.01	
	1886	H	0.25			1833	M	0.02	
		mh	0.20			1834	H	0.02	
		M	0.15				L	0.01	
		ml	0.10			1835	M	0.01	
		L	0.05			1836	H	0.02	
Pennsylvania, . lb.	1879	H	0.18				L	0.01	
		L	0.12			1837	M	0.01	
Wisconsin, . . lb.	1880	M	0.08			1838	H	0.02	
	1881	M	0.08				L	0.01	
	1882	M	0.10			1839	H	0.02	
	1883	M	0.09				L	0.01	
	1884	M	0.12			1841	H	0.02	
<i>Foreign Countries.</i>							L	0.01	
England, . . . lb.	1882	H	0.30			1842	H	0.02	
		L	0.10				L	0.01	
	1883	H	0.30			1843	H	0.02	
		M	0.12				L	0.01	
		L	0.10			1844	H	0.02	
France, . . . lb.	1891	H	0.21				L	0.01	
		L	0.17 $\frac{1}{2}$			1845	M	0.01	
Nova Scotia, . . lb.	1890	M	0.06 $\frac{3}{4}$			1846	M	0.01	
Scotland, . . . lb.	1878	M	0.12			1847	H	0.02	
							L	0.01	
<b>Sago.</b>						1848	H	0.02	
<i>United States.</i>							L	0.01	
Maine, . . . lb.	1858	M	0.10			1849	M	0.01	
	1868	M	0.15			1850	M	0.01	
	1878	M	0.12 $\frac{1}{2}$			1851	M	0.01	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Salt — Con.					Salt — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Massachusetts, . . .	lb.	1854	H	\$0.02	Michigan, . . .	lb.	1855	M	\$0.01
			L	0.01			1856	M	0.01
		1855	H	0.02			1857	M	0.01
			L	0.01			1858	M	0.01
		1856	H	0.02			1859	M	0.01
			L	0.01			1860	M	0.01
		1857	H	0.02			1861	M	0.01
			L	0.01			1862	H	0.02
		1858	M	0.01				L	0.01
		1859	M	0.01			1863	H	0.02
		1860	M	0.01				L	0.01
		1880	H	0.02			1864	H	0.03½
			L	0.01				L	0.02
		1885	H	0.02			1865	H	0.02½
			L	0.01				L	0.02
		1891	H	0.05			1866	H	0.04
			M	0.02				L	0.02½
			L	0.01			1867	M	0.03
Michigan, . . .	lb.	1825	H	0.03			1868	H	0.03
			L	0.02				L	0.02½
		1826	H	0.03			1869	H	0.03
			L	0.02				L	0.02½
		1827	M	0.02			1870	H	0.03
		1828	H	0.03				L	0.02
			L	0.02			1871	M	0.03
		1829	H	0.03			1872	M	0.03
			L	0.02			1873	H	0.03½
		1830	M	0.02				L	0.03
		1831	M	0.02			1874	H	0.03
		1832	M	0.02½				L	0.01
		1833	M	0.02			1875	H	0.02
		1834	H	0.02				L	0.01
			L	0.01			1876	H	0.02½
		1835	H	0.02				L	0.01
			L	0.01			1877	H	0.02½
		1836	M	0.02				L	0.01
		1837	H	0.03			1878	H	0.02½
			L	0.01				L	0.01
		1838	M	0.02			1879	H	0.02½
		1839	H	0.02				L	0.01
			L	0.01			1880	H	0.02½
		1840	H	0.02				L	0.01
			L	0.01			1881	H	0.02
		1841	H	0.02				L	0.01
			L	0.01			1882	H	0.02
		1842	H	0.02				L	0.01
			L	0.01			1889	H	0.15
		1843	H	0.02	Missouri, . . .	lb.		mh	0.10
			L	0.01				M	0.05
		1844	H	0.02				L	0.01
			L	0.01			1878	H	0.06
		1845	M	0.01	New Jersey, . . .	lb.		M	0.05
		1846	H	0.02				L	0.03
			L	0.01			1886	H	0.02
		1847	H	0.02				L	0.01
			L	0.01			1885	M	0.01
		1848	H	0.02	Ohio, . . .	lb.	1880	M	0.01
			L	0.01	Wisconsin, . . .	lb.	1881	M	0.01
		1849	M	0.01			1882	M	0.01
		1850	H	0.02			1883	M	0.01
			L	0.01			1884	M	0.01
		1851	H	0.02	<i>Foreign Countries.</i>				
			L	0.01	Australia, . . .				
		1852	H	0.02		lb.	1837	M	0.02
			L	0.01			1842	M	0.02
		1853	H	0.02			1843	M	0.01
			L	0.01			1845	M	0.03
		1854	H	0.02			1846	M	0.03
			L	0.01			1847	M	0.03



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Salt — Con.					Salt — Con.				
Foreign Countries. — Con.					Foreign Countries. — Con.				
Australia, . . . lb.		1848	M	\$0.03	Japan, . . . lb.		1880	H	\$0.00 $\frac{1}{2}$
		1849	M	0.03				L	0.00 $\frac{1}{2}$
		1850	M	0.03 $\frac{1}{2}$	Mexico, . . . lb.		1882	M	0.06 $\frac{1}{2}$
		1851	M	0.03				M	0.05
		1852	M	0.03	New Zealand, . . lb.		1889	M	0.02
		1853	M	0.03	Nova Scotia, . . lb.		1890	M	0.03 $\frac{1}{2}$
		1854	M	0.05	Saxony, . . . lb.		1878	M	0.02
		1855	M	0.08	Switzerland, . . lb.		1882	M	0.02
		1856	M	0.06	United States of Colombia, . . . lb.		1883	H	0.04
		1857	M	0.05 $\frac{1}{2}$				L	0.03 $\frac{1}{2}$
		1858	M	0.09	Venezuela, . . lb.		1881	M	0.06
		1859	M	0.05	West Indies, . . lb.		1889	M	0.01
		1860	M	0.05					
		1861	M	0.05					
		1862	M	0.03	Sugar.				
		1863	M	0.03	United States.				
		1864	M	0.03	California, . . lb.		1884	H	0.10
		1865	M	0.03				L	0.08 $\frac{1}{2}$
		1866	M	0.03	Connecticut, . . lb.		1860	H	0.12
		1867	M	0.02				L	0.10
		1868	M	0.03			1874	H	0.14
		1869	M	0.02				M	0.12
		1870	M	0.02				L	0.10
		1871	M	0.01			1875	H	0.13
		1872	M	0.01 $\frac{1}{2}$				M	0.10 $\frac{1}{2}$
		1873	M	0.01				L	0.08
		1874	M	0.01				M	0.12
		1875	M	0.03			1878	M	0.05
		1876	M	0.02	Illinois, . . . lb.		1854	M	0.05
		1877	M	0.02			1870	M	0.04
		1878	M	0.01			1873	M	0.08
		1879	M	0.01			1878	H	0.11
		1880	M	0.01 $\frac{1}{2}$				L	0.07
		1881	M	0.02			1879	H	0.11
		1882	M	0.02				L	0.07
		1883	M	0.02			1884	H	0.12 $\frac{1}{2}$
		1884	M	0.02				M	0.09
		1885	M	0.01 $\frac{1}{2}$				L	0.06
		1886	M	0.02			1885	H	0.08 $\frac{1}{2}$
		1887	M	0.02				L	0.06
		1888	M	0.02	Iowa, . . . lb.		1885	H	0.07
Canada, . . . lb.		1882	H	0.12				L	0.06
			L	0.10			1887	H	0.13
		1887	M	0.02				M	0.10
France, . . . lb.		1882	H	0.06				ml	0.08
			L	0.05				L	0.06 $\frac{1}{2}$
		1891	H	0.02 $\frac{1}{2}$	Kansas, . . . lb.		1875	M	0.13
			L	0.01 $\frac{1}{2}$			1880	M	0.11
Germany, . . . lb.		1872	M	0.02			1882	M	0.11
		1873	M	0.02			1884	M	0.07
		1874	M	0.02			1885	M	0.06 $\frac{3}{4}$
		1875	M	0.02	Maine, . . . lb.		1865	M	0.32
		1876	M	0.02			1866	M	0.25
		1877	M	0.02			1867	M	0.17
		1878	H	0.05			1872	M	0.13
			L	0.02 $\frac{1}{2}$			1876	M	0.11
		1879	M	0.02			1877	M	0.12
		1880	M	0.02 $\frac{1}{2}$			1882	M	0.11
		1881	M	0.02 $\frac{1}{2}$			1886	M	0.07
		1883	M	0.03			1887	M	0.07 $\frac{1}{2}$
		1885	H	0.03			1889	H	0.11
			L	0.02				L	0.10
		1886	M	0.02	Maryland, . . lb.		1882	H	0.12
		1889	M	0.02 $\frac{1}{2}$				L	0.08
Guiana, . . . lb.		1889	M	0.02			1885	H	0.08
Italy, . . . lb.		1889	H	0.07 $\frac{1}{2}$				L	0.06
			M	0.06	Massachusetts, . lb.		1830	M	0.10
			L	0.03					

GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices			
FOOD PRODUCTS — Con.											FOOD PRODUCTS — Con.							
Sugar — Con.											Sugar — Con.							
United States—Con.											United States—Con.							
Masachusetts,	lb.	1831	M	\$0.09				Michigan,	lb.	1829	L	\$0.05						
		1832	H	0.13						1830	H	0.09						
			L	0.08							L	0.06						
		1833	H	0.16						1831	L	0.07						
			L	0.10							L	0.04						
		1834	M	0.10						1832	H	0.07						
		1835	M	0.11							L	0.05						
		1836	M	0.10						1833	H	0.09						
		1837	H	0.10							L	0.05						
			L	0.07						1834	H	0.08						
		1838	H	0.16							L	0.05						
			L	0.05						1835	H	0.09						
		1839	M	0.09							L	0.06						
		1840	M	0.09						1836	H	0.11						
		1841	H	0.12							L	0.07						
			L	0.08						1837	H	0.08						
		1842	M	0.08							L	0.05						
		1843	M	0.08						1838	H	0.08						
		1844	M	0.08							L	0.06						
		1845	H	0.13						1839	H	0.08						
			L	0.09							L	0.06						
			L	0.04						1840	H	0.08						
		1846	M	0.09							L	0.04						
		1847	H	0.12						1841	H	0.07						
			M	0.08							L	0.04						
			L	0.04						1842	H	0.07						
		1848	H	0.13							L	0.03						
			M	0.07						1843	H	0.07						
			L	0.05							L	0.03						
		1849	H	0.07						1844	H	0.07						
			L	0.06							L	0.05						
		1850	H	0.07						1845	H	0.07						
			L	0.05							L	0.03						
		1851	M	0.08						1846	H	0.08						
		1852	H	0.09							L	0.05						
			L	0.07						1847	H	0.08						
		1855	H	0.10							L	0.05						
			M	0.08						1848	H	0.15						
			L	0.04							L	0.10						
		1856	M	0.10						1849	H	0.06						
		1857	H	0.14							L	0.04						
			L	0.08						1850	H	0.08						
		1858	H	0.15							L	0.04						
			L	0.02						1851	H	0.06						
		1859	H	0.10							L	0.04						
			L	0.07						1852	H	0.05						
		1860	H	0.11							L	0.03						
			L	0.09						1853	H	0.06						
		1880	H	0.11							L	0.04						
			M	0.08½						1854	H	0.06						
			L	0.06							L	0.03						
		1881	M	0.10						1855	H	0.08						
		1885	H	0.09½							L	0.04						
			M	0.08						1856	H	0.10						
			L	0.06							L	0.06						
		1891	H	0.08						1857	H	0.11						
			mh	0.07							L	0.09						
			M	0.05½						1858	H	0.08						
			ml	0.04½							L	0.05						
			L	0.03						1859	H	0.08						
Michigan,	lb.	1825	H	0.11							L	0.05						
			L	0.06						1860	H	0.08						
		1826	H	0.10							L	0.06						
			L	0.06						1861	H	0.09						
		1827	H	0.10							L	0.04						
			L	0.06						1862	H	0.11						
		1828	H	0.10							L	0.07						
			L	0.06						1863	H	0.14						
		1829	H	0.09							L	0.07						

GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices			
FOOD PRODUCTS — Con.											FOOD PRODUCTS — Con.							
Sugar — Con.											Sugar — Con.							
United States—Con.											United States—Con.							
Michigan, . . .	lb.	1864	H	\$0.25				New Jersey, . . .	lb.	1886	H	\$0.08½						
			L	0.11							M	0.07						
		1865	H	0.17							L	0.05						
			L	0.11							M	0.09						
		1866	H	0.15				New York, . . .	lb.	1855	M	0.12						
			L	0.10							M	0.12						
		1867	H	0.10							M	0.11						
			L	0.09							M	0.09½						
		1868	H	0.12							M	0.09						
			L	0.09							M	0.09						
		1869	H	0.13							M	0.10						
			L	0.09							M	0.11						
		1870	H	0.10							M	0.14						
			L	0.09							M	0.20						
		1871	H	0.10							M	0.16½						
			L	0.07							H	0.16						
		1872	H	0.09							L	0.10½						
			L	0.07							M	0.14						
		1873	H	0.09							H	0.17						
			L	0.07							L	0.13½						
		1874	H	0.08							M	0.13						
			L	0.07							M	0.13						
		1875	H	0.09							M	0.13						
			L	0.07							M	0.12						
		1876	H	0.10							H	0.11						
			L	0.07							L	0.10						
		1877	H	0.10							M	0.11						
			L	0.07							M	0.11						
		1878	H	0.08							M	0.12						
			L	0.06½							H	0.10						
		1879	H	0.09							L	0.08						
			L	0.06							H	0.20						
		1880	H	0.08							M	0.10						
			L	0.07							L	0.08						
		1881	H	0.08½							H	0.09						
			L	0.06							L	0.05						
		1882	H	0.07½							M	0.09						
			L	0.06							H	0.12						
		1885	H	0.12½							M	0.10						
			mh	0.10½							L	0.08						
			M	0.09½							M	0.09						
			ml	0.08							H	0.10						
				0.06½							M	0.08						
Minnesota, . . .	lb.	1890	H	0.06½							L	0.07						
			L	0.05½							H	0.08						
Missouri, . . .	lb.	1878	H	0.12				Ohio, . . .	lb.	1861	H	0.09						
			L	0.07							L	0.06½						
		1889	H	0.11							H	0.14						
			M	0.09							L	0.13						
			L	0.07							H	0.15						
New Jersey, . . .	lb.	1855	M	0.08							L	0.12½						
		1860	M	0.08							H	0.12½						
		1864	M	0.20							L	0.12½						
		1866	M	0.24							L	0.09						
		1867	M	0.16							H	0.09						
		1869	M	0.16							L	0.07						
		1870	M	0.13							H	0.15						
		1874	M	0.11							M	0.12						
		1875	M	0.10							ml	0.10						
		1878	M	0.10							L	0.08						
		1879	M	0.10							H	0.12						
		1880	M	0.09							L	0.11						
		1882	H	0.12							H	0.09						
			mh	0.10							M	0.07½						
			M	0.09							L	0.06						
			ml	0.08				Pennsylvania, . . .	lb.	1867	M	0.13						
			L	0.06							M	0.17						
		1884	M	0.08							M	0.11						
		1885	M	0.08							H	0.13						

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Sugar — Con.</b>					<b>Sugar — Con.</b>				
<i>United States—Con.</i>					<i>Foreign Countries</i> — Con.				
Pennsylvania, . . lb.	1875	L	\$0.11		Australia, . . lb.	1878	L	\$0.06	
	1878	H	0.09 $\frac{3}{4}$			1879	M	0.07	
	1879	H	0.08 $\frac{3}{4}$			1880	M	0.08	
		M	0.11			1881	H	0.12	
		L	0.09				L	0.07	
	1880	H	0.12 $\frac{1}{2}$			1882	M	0.08	
		M	0.11			1883	M	0.08	
		L	0.09			1884	M	0.07	
	1882	H	0.12 $\frac{1}{2}$			1885	M	0.06	
		M	0.10			1886	M	0.07	
		L	0.08			1887	M	0.07	
	1884	H	0.09			1888	M	0.07	
		L	0.06 $\frac{1}{2}$			1889	M	0.06 $\frac{1}{2}$	
	1885	H	0.13 $\frac{1}{2}$		Austria, . . lb.	1884	H	0.08	
		M	0.10				L	0.07	
		ml	0.08			1885	H	0.08	
		L	0.06				L	0.07	
	1886	M	0.06 $\frac{1}{2}$		Belgium, . . lb.	1878	H	0.20	
<i>United States (not</i>							L	0.15	
<i>specified), . . lb.</i>	1881	M	0.10			1879	H	0.20	
Wisconsin, . . lb.	1884	H	0.08				L	0.15	
		L	0.06 $\frac{1}{2}$			1882	H	0.20	
<i>Foreign Countries.</i>							L	0.15	
Australia, . . lb.	1836	M	0.07			1884	H	0.20	
	1837	M	0.08				M	0.15	
	1839	M	0.07				L	0.11 $\frac{1}{2}$	
	1840	M	0.07		Bohemia, . . lb.	1885	M	0.12	
	1841	M	0.07		Brazil, . . lb.	1885	M	0.06 $\frac{1}{2}$	
	1842	M	0.07			1882	H	0.14	
	1843	M	0.06				M	0.09	
	1844	M	0.05				L	0.05	
	1845	M	0.06		Canada, . . lb.	1882	H	0.15	
	1846	M	0.08				M	0.10	
	1847	M	0.08				L	0.08	
	1848	M	0.07 $\frac{1}{2}$		China, . . lb.	1889	M	0.07	
	1849	M	0.07 $\frac{1}{2}$		Ecuador, . . lb.	1883	H	0.15	
	1850	M	0.07				L	0.10	
	1851	M	0.07			1885	H	0.15	
	1852	M	0.07				M	0.12	
	1853	M	0.07				L	0.04	
	1854	M	0.10		England, . . lb.	1873	H	0.09	
	1855	M	0.14				L	0.08	
	1856	M	0.11			1878	H	0.14	
	1857	M	0.15				mh	0.12	
	1858	M	0.14				M	0.10	
	1859	M	0.10				ml	0.08	
	1860	M	0.11			1879	L	0.05	
	1861	M	0.11				H	0.09	
	1862	M	0.09				L	0.05 $\frac{1}{2}$	
	1863	M	0.09			1880	H	0.07	
	1864	M	0.09				L	0.05	
	1865	M	0.09			1881	M	0.08	
	1866	M	0.08			1882	H	0.08	
	1867	M	0.08				M	0.06	
	1868	M	0.08				L	0.05	
	1869	M	0.08			1883	H	0.08	
	1870	M	0.08				M	0.07	
	1871	M	0.08				ml	0.05	
	1872	M	0.08				L	0.04	
	1873	M	0.08			1884	H	0.09	
	1874	M	0.08				M	0.07	
	1875	M	0.09				ml	0.05 $\frac{1}{2}$	
	1876	M	0.08				L	0.04	
	1877	M	0.08			1885	H	0.07	
	1878	H	0.08		France, . . lb.	1882	L	0.04	
		M	0.07				H	0.15	
							L	0.12	
						1884	H	0.12	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Sugar — Con.</b>					<b>Sugar — Con.</b>				
<i>Foreign Countries</i> — Con.					<i>Foreign Countries</i> — Con.				
France, . . . lb.	1884	L	\$0.06½		Sicily, . . . lb.	1889	L	\$0.17½	
	1885	H	0.13		Spain, . . . lb.	1878	H	0.12½	
		M	0.11				M	0.11	
		L	0.06½				L	0.10	
	1889	M	0.11			1879	M	0.11	
	1891	M	0.11			1884	M	0.11	
Germany, . . lb.	1878	H	0.12		Switzerland, . . lb.	1878	M	0.08	
		L	0.09½			1879	M	0.08	
	1879	M	0.11			1882	M	0.09	
	1881	M	0.11			1884	M	0.08	
	1882	M	0.11			1885	M	0.08	
	1883	M	0.10		Turkey, . . . lb.	1881	M	0.09½	
	1884	H	0.13		Venezuela, . . lb.	1881	H	0.21	
		M	0.11				L	0.08	
		L	0.08			1883	H	0.15	
	1885	H	0.14				L	0.04	
		M	0.11		West Indies, . . lb.	1881	H	0.12	
		L	0.08				L	0.08	
	1887	H	0.10			1889	H	0.14	
		L	0.07				M	0.06	
	1889	H	0.10½				L	0.03	
		M	0.09½		<b>Sugar (BROWN).</b>				
		L	0.08½		<i>United States.</i>				
Guiana, . . . lb.	1889	H	0.09		California, . . . lb.	1884	M	0.08½	
		L	0.04½			1888	M	0.06	
Hawaiian Islands, . lb.	1881	H	0.15		Colorado, . . . lb.	1888	H	0.10½	
		M	0.10				M	0.09	
		L	0.08				L	0.07½	
Holland, . . . lb.	1882	H	0.13		Connecticut, . . lb.	1851	M	0.08	
		L	0.08			1852	M	0.07	
	1884	H	0.15			1853	H	0.07	
		L	0.09				L	0.06	
	1885	H	0.15				M	0.07½	
		L	0.09			1854	M	0.10	
Ireland, . . . lb.	1878	M	0.08			1855	M	0.10	
	1879	M	0.08			1856	M	0.09½	
	1884	H	0.10			1857	M	0.09	
		M	0.08			1858	M	0.08½	
		L	0.05			1859	M	0.08	
Italy, . . . lb.	1878	H	0.18			1860	H	0.10	
		M	0.13½				L	0.08½	
		L	0.08			1861	H	0.08	
	1879	M	0.08½				L	0.07	
	1882	H	0.25			1862	H	0.11	
		L	0.16				L	0.09½	
	1884	H	0.18			1863	H	0.16	
		M	0.16				M	0.12½	
		L	0.08½				L	0.10½	
	1889	H	0.18			1864	H	0.22	
		L	0.15½				M	0.20	
Mexico, . . . lb.	1881	H	0.25				L	0.18	
		L	0.20			1865	H	0.20	
	1882	M	0.12½				M	0.18	
	1883	H	0.18				L	0.17	
		M	0.15			1866	H	0.18	
		L	0.04				L	0.15	
New Zealand, . . lb.	1889	M	0.07			1867	H	0.17	
Nova Scotia, . . lb.	1890	M	0.05½				M	0.16	
Portugal, . . . lb.	1882	M	0.12				L	0.13	
Scotland, . . . lb.	1878	H	0.10			1868	H	0.17	
		L	0.08				M	0.16	
	1879	H	0.10				L	0.14	
		L	0.08			1869	H	0.16	
	1883	M	0.07				M	0.14	
	1884	H	0.10				L	0.12	
		L	0.07			1870	H	0.14	
Sicily, . . . lb.	1878	M	0.09				M	0.13	
	1889	H	0.20				L	0.11	



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Sugar (BROWN) — Con.					Sugar (BROWN) — Con.				
United States—Con.					United States—Con.				
Connecticut, . . . lb.		1871	H	\$0.12 $\frac{1}{2}$	Illinois, . . . lb.		1868	M	\$0.17
			M	0.11			1869	H	0.17
			L	0.10				L	0.14
		1872	H	0.13			1870	H	0.17
			M	0.12				M	0.14
			L	0.10				L	0.12
		1873	H	0.13			1871	H	0.16
			M	0.11				M	0.13
			L	0.09 $\frac{1}{2}$				L	0.11
		1874	H	0.12			1872	H	0.16
			mh	0.11				L	0.12
			M	0.10			1873	H	0.15
			ml	0.09				L	0.11
			L	0.08			1874	H	0.14
		1875	H	0.11				L	0.11
			M	0.10			1875	H	0.14
			L	0.08				L	0.10
		1876	H	0.11			1876	H	0.13
			M	0.10				L	0.10
			L	0.08			1877	H	0.12
		1877	H	0.11				L	0.10
			L	0.09			1878	H	0.12
		1878	H	0.10				L	0.10
			L	0.08			1879	H	0.10
		1879	H	0.10				L	0.08
			L	0.07			1880	H	0.10
		1880	H	0.10				L	0.09
			L	0.07 $\frac{1}{2}$			1884	M	0.09
		1888	M	0.06	Indiana, . . . lb.		1851	M	0.06 $\frac{1}{2}$
		1867	M	0.22			1852	M	0.06 $\frac{1}{2}$
		1868	M	0.15			1853	M	0.06 $\frac{1}{2}$
		1869	M	0.15			1854	M	0.07
		1871	M	0.16			1855	M	0.07
		1872	M	0.15			1856	M	0.07 $\frac{1}{2}$
		1873	M	0.13			1857	M	0.09
		1874	M	0.14			1858	M	0.09
		1875	M	0.12 $\frac{1}{2}$			1859	M	0.10
		1876	M	0.12 $\frac{1}{2}$			1860	M	0.10
		1877	M	0.12			1861	M	0.10
		1878	M	0.09 $\frac{1}{2}$			1862	M	0.10
		1879	M	0.08			1863	M	0.10
		1880	M	0.09			1864	M	0.12
Illinois, . . . lb.		1851	M	0.08			1865	H	0.25
		1852	M	0.07				L	0.11
		1853	M	0.06			1866	H	0.25
		1854	H	0.07				L	0.11
			L	0.05			1867	H	0.15
		1855	H	0.07				L	0.11
			L	0.05			1868	H	0.17
		1856	H	0.11				L	0.11
			L	0.10			1869	H	0.16
		1857	H	0.12				L	0.11
			L	0.10			1870	H	0.15
		1858	H	0.10				L	0.11
			L	0.07			1871	H	0.15
		1859	H	0.10				L	0.11
			L	0.08			1872	H	0.15
		1860	M	0.10				L	0.11
		1861	H	0.11			1873	H	0.15
			L	0.09				L	0.11
		1862	M	0.12			1874	H	0.16
		1863	H	0.28				L	0.11
			L	0.14			1875	H	0.16
		1864	H	0.28				M	0.12 $\frac{1}{2}$
			L	0.22				L	0.11
		1865	M	0.20			1876	H	0.15
		1866	M	0.18				M	0.12 $\frac{1}{2}$
		1867	M	0.17				L	0.11

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Sugar (BROWN) — Con.					Sugar (BROWN) — Con.				
United States—Con.					United States—Con.				
Indiana, . . . lb.	1877	H		\$0.15	Maryland, . . . lb.	1864	M		\$0.20
		M		0.12 $\frac{1}{2}$		1865	M		0.15
		L		0.11		1866	M		0.14
	1878	H		0.12		1867	M		0.14
		L		0.10		1868	M		0.13
	1879	H		0.12		1869	M		0.15
		L		0.10		1870	M		0.12
	1880	H		0.10		1871	M		0.11
		L		0.08		1872	M		0.11
	1888	M		0.06 $\frac{3}{4}$		1873	M		0.11
Iowa, . . . lb.	1861	M		0.06		1874	M		0.10
	1862	M		0.08		1875	M		0.09
	1863	M		0.08		1876	M		0.10
	1864	M		0.10		1877	M		0.11
	1865	M		0.10		1878	M		0.09
	1866	M		0.16 $\frac{2}{3}$		1879	M		0.08
	1867	M		0.12 $\frac{1}{2}$		1880	M		0.09
	1868	M		0.10	Massachusetts, . . lb.	1832	M		0.09
	1869	M		0.10		1836	M		0.12
	1870	M		0.10		1837	M		0.10
	1871	M		0.15		1838	M		0.10
	1872	M		0.15		1845	M		0.07
	1873	M		0.15		1851	H		0.08 $\frac{1}{2}$
	1874	M		0.15			L		0.06
	1875	M		0.10		1852	H		0.07 $\frac{3}{4}$
	1876	M		0.09			L		0.05 $\frac{1}{2}$
	1877	M		0.09		1853	H		0.07 $\frac{1}{2}$
	1878	M		0.09			L		0.06
	1879	M		0.09		1854	H		0.07 $\frac{1}{2}$
	1880	H		0.10			L		0.06
		L		0.09		1855	H		0.08 $\frac{1}{2}$
	1887	H		0.18			L		0.06 $\frac{1}{2}$
		mh		0.14		1856	H		0.11
		M		0.12			L		0.08 $\frac{1}{2}$
		ml		0.08 $\frac{1}{2}$		1857	H		0.12 $\frac{1}{2}$
		L		0.05 $\frac{1}{2}$			L		0.09 $\frac{1}{2}$
Kansas, . . . lb.	1871	M		0.10		1858	H		0.12 $\frac{1}{2}$
	1872	M		0.11			L		0.09
	1873	M		0.09		1859	H		0.09 $\frac{1}{2}$
	1874	M		0.09			L		0.06 $\frac{3}{4}$
	1875	M		0.10		1860	H		0.10
	1879	M		0.10			L		0.06 $\frac{3}{4}$
	1886	M		0.08		1861	H		0.08 $\frac{1}{2}$
Kentucky, . . . lb.	1872	M		0.12 $\frac{1}{2}$			L		0.05 $\frac{1}{2}$
	1873	M		0.11 $\frac{1}{2}$		1862	H		0.12
	1874	M		0.10 $\frac{1}{2}$			M		0.10 $\frac{1}{2}$
	1875	M		0.10 $\frac{2}{3}$			L		0.08
	1876	M		0.10 $\frac{2}{3}$		1863	H		0.14
	1877	M		0.12 $\frac{1}{2}$			L		0.10 $\frac{3}{4}$
	1880	M		0.09 $\frac{1}{2}$		1864	H		0.21 $\frac{1}{2}$
Maine, . . . lb.	1858	H		0.10			M		0.18
		L		0.09			L		0.16
	1868	M		0.17		1865	H		0.19
	1878	M		0.09			M		0.15
	1898	M		0.06 $\frac{1}{2}$			L		0.12 $\frac{1}{2}$
Maryland, . . . lb.	1851	M		0.07		1866	H		0.15 $\frac{1}{2}$
	1852	M		0.06			M		0.12 $\frac{1}{2}$
	1853	M		0.06			L		0.10 $\frac{3}{4}$
	1854	M		0.06		1867	H		0.15 $\frac{1}{2}$
	1855	M		0.07			M		0.12 $\frac{1}{2}$
	1856	M		0.10			L		0.10 $\frac{1}{2}$
	1857	M		0.11		1868	H		0.15 $\frac{1}{2}$
	1858	M		0.09			M		0.12 $\frac{1}{2}$
	1859	M		0.08			L		0.10 $\frac{1}{2}$
	1860	M		0.08		1869	H		0.15 $\frac{1}{2}$
	1861	M		0.07			M		0.12 $\frac{1}{2}$
	1862	M		0.10			L		0.11 $\frac{1}{2}$
	1863	M		0.12 $\frac{1}{2}$		1870	H		0.15 $\frac{1}{2}$

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Sugar (BROWN)</b> — Con.					<b>Sugar (BROWN)</b> — Con.				
<i>United States-Con.</i>					<i>United States-Con.</i>				
Massachusetts, . . lb.		1870	M	\$0.13	Missouri, . . . lb.		1865	H	\$0.25
			L	0.09 $\frac{1}{2}$				M	0.22
		1871	H	0.12 $\frac{3}{4}$				L	0.17
			M	0.10 $\frac{1}{2}$			1866	H	0.16
			L	0.08 $\frac{3}{4}$				L	0.15
		1872	H	0.11 $\frac{3}{4}$			1867	H	0.15
			M	0.10				L	0.14
			L	0.08			1868	H	0.16
		1873	H	0.10 $\frac{1}{2}$				L	0.14
			M	0.09			1869	H	0.16
			L	0.07 $\frac{3}{4}$				L	0.15
		1874	H	0.10			1870	H	0.18 $\frac{1}{2}$
			L	0.08 $\frac{1}{2}$				M	0.14
		1875	H	0.10				L	0.12 $\frac{1}{2}$
			L	0.08			1871	H	0.14 $\frac{1}{2}$
		1876	H	0.10 $\frac{3}{4}$				M	0.12 $\frac{1}{2}$
			L	0.08				L	0.11
		1877	H	0.10 $\frac{3}{4}$			1872	H	0.12 $\frac{1}{2}$
			L	0.08 $\frac{1}{2}$				L	0.11
		1878	M	0.09 $\frac{1}{2}$			1873	H	0.12 $\frac{1}{2}$
		1879	H	0.08 $\frac{1}{2}$				L	0.11 $\frac{1}{2}$
			L	0.06 $\frac{1}{2}$			1874	H	0.12 $\frac{1}{2}$
		1880	H	0.10 $\frac{1}{2}$				L	0.10
			mh	0.09			1875	H	0.11
			M	0.08				L	0.10
			ml	0.07			1876	H	0.11
			L	0.06				L	0.10
		1885	H	0.08 $\frac{1}{2}$			1877	M	0.11
			M	0.06 $\frac{1}{2}$			1878	M	0.10
			L	0.05			1879	H	0.09
		1891	H	0.06 $\frac{1}{2}$				L	0.07 $\frac{1}{2}$
			M	0.05 $\frac{1}{2}$			1880	H	0.09
			L	0.04				L	0.08
Michigan, . . . lb.		1885	H	0.10			1889	H	0.11
			mh	0.08				M	0.09
			M	0.07				L	0.07 $\frac{1}{2}$
			ml	0.06	Nebraska, . . . lb.		1888	M	0.06 $\frac{1}{2}$
			L	0.05	New Jersey, . . lb.		1881	M	0.06
		1888	M	0.06			1882	M	0.06
Minnesota, . . lb.		1888	M	0.06 $\frac{1}{2}$			1883	M	0.07
Missouri, . . . lb.		1881	H	0.08 $\frac{1}{2}$			1884	M	0.06
			L	0.07			1885	M	0.08
		1882	H	0.08 $\frac{1}{2}$			1886	M	0.09
			L	0.07			1887	M	0.09
		1883	H	0.08 $\frac{1}{2}$			1888	M	0.08
			L	0.06			1889	M	0.08
		1884	H	0.10			1890	M	0.08
			L	0.05			1891	M	0.09
		1885	H	0.10			1892	M	0.09
			L	0.07 $\frac{1}{2}$			1893	M	0.14
		1886	H	0.15			1894	M	0.20
			L	0.08			1895	M	0.21
		1887	H	0.14 $\frac{1}{2}$			1896	M	0.24
			L	0.12 $\frac{1}{2}$			1897	H	0.18
		1888	H	0.12 $\frac{1}{2}$				L	0.14
			L	0.10			1898	M	0.16
		1889	H	0.10			1899	H	0.15
			L	0.07 $\frac{1}{2}$				L	0.14
		1890	H	0.11			1870	M	0.13
			L	0.08			1871	M	0.12
		1891	H	0.10			1872	M	0.12
			L	0.09			1873	M	0.12
		1892	H	0.12 $\frac{1}{2}$			1874	M	0.09 $\frac{1}{2}$
			L	0.10			1875	M	0.10
		1893	H	0.20			1876	M	0.10
			L	0.13 $\frac{1}{2}$			1877	M	0.10
		1894	H	0.25			1878	H	0.10
			L	0.21				M	0.09

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Sugar (BROWN) — Con.					Sugar (BROWN) — Con.				
United States-Con.					United States-Con.				
New Jersey, . . lb.	1878	L	\$0.08		New York, . . lb.	1873	H	\$0.12	
	1879	M	0.10				L	0.11	
	1880	M	0.09			1874	H	0.11	
New York, . . lb.	1851	H	0.10				L	0.09	
		M	0.08			1875	H	0.11	
		ml	0.06½				M	0.10	
		L	0.05				L	0.09	
	1852	H	0.10			1876	H	0.10½	
		M	0.08				L	0.09	
		L	0.06			1877	H	0.11	
	1853	H	0.10				L	0.10	
		M	0.08			1878	H	0.10	
		L	0.06				L	0.08½	
	1854	H	0.10			1879	H	0.09	
		M	0.08				L	0.07	
		L	0.06			1880	H	0.09	
	1855	H	0.10½				L	0.08	
		M	0.08		Ohio, . . . lb.	1851	H	0.08	
		L	0.06				L	0.05	
	1856	H	0.10			1852	H	0.08	
		M	0.08				L	0.05	
		L	0.06			1853	H	0.08	
	1857	H	0.16				L	0.06	
		M	0.11			1854	H	0.08	
		ml	0.09				L	0.06	
		L	0.06			1855	H	0.08	
	1858	H	0.10				L	0.06	
		mh	0.09			1856	M	0.08	
		M	0.08			1857	H	0.08	
		L	0.07				L	0.07	
	1859	H	0.08½			1858	H	0.09	
		L	0.06½				L	0.08	
	1860	H	0.12			1859	H	0.09	
		M	0.09½				L	0.08	
		ml	0.08			1860	H	0.10	
		L	0.06				L	0.08	
	1861	H	0.08			1861	H	0.10	
		L	0.07				M	0.08	
	1862	H	0.10				L	0.06	
		L	0.08			1862	H	0.10	
	1863	H	0.13				L	0.08	
		L	0.08			1863	H	0.12	
	1864	H	0.27				L	0.10	
		M	0.20			1864	H	0.23	
		L	0.18				mh	0.20	
	1865	H	0.22				M	0.18	
		M	0.18				L	0.12	
		ml	0.16			1865	H	0.20	
		L	0.14				M	0.18	
	1866	H	0.18				L	0.15	
		M	0.14			1866	H	0.18	
		L	0.12				L	0.16½	
	1867	H	0.14			1867	H	0.20	
		M	0.12				M	0.17	
		L	0.10				L	0.15	
	1868	H	0.14			1868	H	0.18	
		L	0.10				M	0.15	
	1869	H	0.15				L	0.12½	
		M	0.13			1869	H	0.18	
		L	0.08				M	0.15	
	1870	H	0.16				L	0.12	
		mh	0.14			1870	H	0.16	
		M	0.12				M	0.12½	
		L	0.08				L	0.10	
	1871	H	0.14			1871	H	0.15	
		L	0.12				M	0.11	
	1872	H	0.13				L	0.08	
		L	0.11			1872	H	0.15	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Sugar (BROWN) — Con.					Sugar (BROWN) — Con.				
United States—Con.					United States—Con.				
Ohio, . . . lb.	1872	M		\$0.11	Pennsylvania, . . lb.	1871	L		\$0.12
		L		0.09		1872	H		0.12½
	1873	H		0.16½			L		0.11
		M		0.12½		1873	H		0.12½
		ml		0.10			L		0.10
		L		0.08		1874	H		0.11
	1874	H		0.12½			L		0.09
		M		0.10		1875	H		0.11
		L		0.08			L		0.09
	1875	H		0.12½		1876	H		0.11
		L		0.09			L		0.09
	1876	H		0.12½		1877	H		0.11
		M		0.10			L		0.08
		L		0.08		1878	H		0.10
	1877	H		0.14			L		0.08
		M		0.11		1879	H		0.09
		ml		0.10			L		0.07
		L		0.08		1880	H		0.14
	1878	H		0.10			mh		0.12
		L		0.07½			M		0.10½
	1879	H		0.10			ml		0.09
		L		0.07			L		0.07
	1880	H		0.12½		1881	H		0.11
		M		0.10			L		0.09
		L		0.08		1882	H		0.11
	1887	H		0.07			L		0.08
		L		0.05		1884	H		0.12
	1888	M		0.06			mh		0.10
Pennsylvania, . . lb.	1851	M		0.06½			M		0.08
	1852	M		0.06½			ml		0.06½
	1853	M		0.06½			L		0.05
	1854	M		0.06½	Rhode Island, . . lb.	1888	M		0.08
	1855	H		0.07	Tennessee, . . lb.	1851	M		0.05
		L		0.06		1855	M		0.10
	1856	H		0.08		1856	M		0.12½
		L		0.06		1857	M		0.14
	1857	H		0.08		1863	M		0.30
		L		0.06		1864	M		0.30
	1858	H		0.08		1865	M		0.30
		L		0.06		1866	M		0.25
	1859	H		0.08		1867	M		0.20
		L		0.06		1868	M		0.18
	1860	H		0.07		1869	M		0.20
		L		0.06		1870	M		0.08
	1861	H		0.07		1871	H		0.12½
		L		0.06			L		0.08
	1862	H		0.08		1872	H		0.12
		L		0.07			L		0.09
	1863	H		0.12		1873	H		0.13
		L		0.09			L		0.10
	1864	H		0.25		1874	H		0.12
		M		0.22			L		0.10
		L		0.11		1875	H		0.11½
	1865	H		0.25			L		0.10
		L		0.13		1876	H		0.11
	1866	H		0.25			L		0.10
		M		0.15		1877	H		0.11½
		L		0.13			M		0.10
	1867	H		0.22			L		0.08½
		M		0.16		1878	H		0.11½
		L		0.13			M		0.10
	1868	H		0.20			L		0.08½
		L		0.12		1879	H		0.09
	1869	H		0.16			L		0.07
		L		0.12		1880	H		0.10½
	1870	H		0.16			L		0.08
		L		0.12	West Virginia, . lb.	1851	M		0.06
	1871	H		0.15		1852	M		0.07



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Sugar (BROWN)</b> — Con.					<b>Sugar (GRANU- LATED)</b> — Con.				
<i>United States</i> —Con.					<i>United States</i> —Con.				
West Virginia, . lb.	1853	M	\$0.07		Colorado, . lb.	1888	mh	\$0.11 $\frac{1}{2}$	
	1854	M	0.07				M	0.10 $\frac{1}{2}$	
	1855	M	0.07				ml	0.09	
	1856	M	0.07				L	0.07 $\frac{1}{2}$	
	1857	M	0.07		Connecticut, . lb.	1860	M	0.10	
	1858	M	0.07			1887	M	0.08 $\frac{1}{2}$	
	1859	M	0.07			1888	M	0.07 $\frac{1}{2}$	
	1860	M	0.06			1888	M	0.07 $\frac{1}{2}$	
	1861	M	0.10		Illinois, . . lb.	1888	M	0.08 $\frac{1}{2}$	
	1862	M	0.12		Indiana, . . lb.	1888	M	0.08 $\frac{1}{2}$	
	1863	M	0.12		Iowa, . . lb.	1885	M	0.07 $\frac{1}{2}$	
	1864	M	0.12			1887	H	0.13	
	1865	M	0.12				mh	0.11 $\frac{1}{2}$	
	1866	M	0.12				M	0.10	
	1867	M	0.12				ml	0.08 $\frac{1}{2}$	
	1868	M	0.12				L	0.07	
	1869	M	0.12			1888	H	0.10	
	1870	M	0.10				L	0.09	
	1871	M	0.09		Kansas, . . lb.	1885	M	0.06 $\frac{1}{2}$	
	1872	M	0.09			1888	M	0.09	
	1873	M	0.09		Maine, . . lb.	1858	M	0.12 $\frac{1}{2}$	
	1874	M	0.09			1868	M	0.13	
	1875	M	0.09			1878	M	0.11.	
	1876	M	0.09			1887	M	0.07	
	1877	M	0.09			1888	M	0.08	
	1878	M	0.09		Massachusetts, . lb.	1831	H	0.17	
	1879	M	0.09				L	0.12	
	1880	M	0.09			1834	M	0.12	
Wisconsin, . . lb.	1881	M	0.08 $\frac{1}{2}$			1838	M	0.17	
	1882	M	0.08 $\frac{1}{2}$			1841	M	0.15	
	1883	M	0.08			1843	M	0.14	
	1884	M	0.06 $\frac{1}{2}$			1844	M	0.14	
	1888	M	0.07			1845	M	0.14	
						1846	M	0.14	
<i>Foreign Countries.</i>						1850	M	0.10	
Canada, . . lb.	1882	H	0.10			1854	M	0.08	
		L	0.09			1878	M	0.10	
	1887	M	0.05 $\frac{1}{2}$			1880	H	0.11 $\frac{1}{2}$	
England, . . lb.	1873	H	0.08				mh	0.10	
		L	0.07				M	0.09	
	1878	H	0.06				ml	0.08	
		L	0.05				L	0.06 $\frac{1}{2}$	
	1883	M	0.04			1885	H	0.10	
Germany, . . lb.	1878	H	0.11				M	0.08 $\frac{1}{2}$	
		L	0.09 $\frac{1}{2}$				ml	0.07 $\frac{1}{2}$	
	1886	M	0.07				L	0.06 $\frac{1}{2}$	
Japan, . . lb.	1880	H	0.10			1888	M	0.08	
		M	0.08			1891	H	0.07 $\frac{1}{2}$	
		L	0.04				M	0.06	
Mexico, . . lb.	1882	M	0.06		Michigan, . . lb.	1885	H	0.14	
	1883	M	0.05				mh	0.12	
Nova Scotia, . lb.	1890	M	0.04				M	0.10 $\frac{1}{2}$	
Saxony, . . lb.	1878	M	0.09 $\frac{1}{2}$				ml	0.08 $\frac{1}{2}$	
Scotland, . . lb.	1878	H	0.08				L	0.06 $\frac{1}{2}$	
		L	0.07			1888	M	0.07 $\frac{1}{2}$	
Spain, . . lb.	1878	M	0.10		Minnesota, . . lb.	1888	H	0.08 $\frac{1}{2}$	
Switzerland, . lb.	1878	M	0.08				L	0.07 $\frac{1}{2}$	
United States of						1890	M	0.07	
Colombia, . . lb.	1883	M	0.12 $\frac{1}{2}$		Missouri, . . lb.	1889	H	0.12 $\frac{1}{2}$	
West Indies, . lb.	1881	M	0.10				L	0.09	
					Nebraska, . . lb.	1888	M	0.09 $\frac{1}{2}$	
<b>Sugar (GRANU- LATED).</b>					New Jersey, . . lb.	1878	M	0.10	
<i>United States.</i>					New York, . . lb.	1878	M	0.09 $\frac{1}{2}$	
California, . . lb.	1884	M	0.10		Ohio, . . lb.	1877	H	0.20	
	1888	M	0.07 $\frac{1}{2}$				mh	0.18	
Colorado, . . lb.	1888	H	0.13				M	0.15	
							L	0.12 $\frac{1}{2}$	
						1878	M	0.09 $\frac{1}{2}$	

## GRADED PRICES—Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS —Con.					FOOD PRODUCTS —Con.				
Sugar (GRANU- LATED)—Con.					Sugar (GRANU- LATED)—Con.				
United States—Con.					Foreign Countries —Con.				
Ohio, . . . . lb.	1887	H	\$0.12 $\frac{1}{2}$		Sicily, . . . . lb.	1878	H	\$0.15	
		mh	0.11				L	0.10	
		M	0.09		Spain, . . . . lb.	1878	H	0.15	
		ml	0.08				L	0.07	
		L	0.06 $\frac{1}{2}$		Sweden, . . . . lb.	1878	M	0.12	
	1888	M	0.07 $\frac{1}{2}$			1881	M	0.11	
Pennsylvania, . . lb.	1879	H	0.13		Switzerland, . . lb.	1878	M	0.09	
		L	0.11		United States of				
	1880	H	0.25		Colombia, . . . lb.	1883	M	0.20	
		M	0.18		Wales, . . . . lb.	1878	M	0.10	
		ml	0.13		West Indies, . . lb.	1881	H	0.24	
		L	0.09				L	0.20	
	1881	H	0.14						
		M	0.12		Sugar (LOAF).				
		L	0.10		United States.				
	1882	H	0.14		Kansas, . . . . lb.	1885	M	0.08 $\frac{1}{2}$	
		M	0.12		Massachusetts, . lb.	1830	M	0.16	
		L	0.10			1832	H	0.19	
	1884	H	0.14 $\frac{1}{2}$				L	0.15	
		mh	0.12			1833	M	0.15	
		M	0.10			1834	M	0.15	
		ml	0.08			1835	M	0.16	
		L	0.06			1837	M	0.18	
	1888	M	0.06 $\frac{1}{2}$			1838	M	0.18	
Rhode Island, . . lb.	1888	M	0.07 $\frac{1}{2}$			1839	H	0.18	
Wisconsin, . . . lb.	1881	M	0.10				L	0.16	
	1882	M	0.09 $\frac{3}{4}$			1841	M	0.16	
	1883	M	0.09			1842	M	0.16	
	1884	M	0.07 $\frac{3}{8}$			1843	M	0.16	
	1888	H	0.08			1844	M	0.15	
		L	0.07			1845	M	0.16	
Foreign Countries.						1847	M	0.13	
Austria, . . . . lb.	1878	H	0.25			1849	M	0.11	
		L	0.13			1891	M	0.08	
Belgium, . . . . lb.	1878	H	0.17		Minnesota, . . . lb.	1890	M	0.09	
		L	0.15		Pennsylvania, . . lb.	1879	H	0.14	
Canada, . . . . lb.	1878	M	0.12				L	0.12	
	1887	M	0.07 $\frac{1}{2}$		Foreign Countries.				
Denmark, . . . . lb.	1878	M	0.12		Germany, . . . . lb.	1878	M	0.13 $\frac{1}{2}$	
England, . . . . lb.	1878	H	0.10			1884	H	0.15	
		M	0.08				L	0.12	
		L	0.05			1886	M	0.08	
	1883	H	0.06		Italy, . . . . . lb.	1889	M	0.17 $\frac{1}{2}$	
		L	0.05		Mexico, . . . . lb.	1883	M	0.22	
France, . . . . . lb.	1878	M	0.17						
Germany, . . . . lb.	1878	H	0.15		Sugar				
		M	0.12		(POWDERED).				
		L	0.10		United States.				
	1884	M	0.12		Connecticut, . . lb.	1860	M	0.12	
Ireland, . . . . lb.	1878	H	0.10			1887	M	0.09	
		M	0.08		Kansas, . . . . . lb.	1885	M	0.08	
		L	0.07		Massachusetts, . lb.	1830	M	0.15	
Italy, . . . . . lb.	1878	H	0.15			1831	M	0.15	
		L	0.13			1833	M	0.14	
	1889	M	0.16			1835	M	0.14	
Mexico, . . . . . lb.	1882	H	0.25			1836	M	0.18	
		L	0.18			1847	H	0.15	
	1883	M	0.18				L	0.13	
Portugal, . . . . lb.	1878	M	0.11			1891	H	0.07 $\frac{1}{2}$	
Prussia, . . . . . lb.	1878	H	0.13 $\frac{1}{2}$				L	0.05 $\frac{1}{2}$	
		L	0.12		Minnesota, . . . lb.	1890	M	0.08	
Russia, . . . . . lb.	1878	M	0.08		Pennsylvania, . . lb.	1879	H	0.14	
Saxony, . . . . . lb.	1878	M	0.14				L	0.12	
Scotland, . . . . lb.	1878	H	0.12						
		M	0.09						
		L	0.07						

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Sugar</b> (POWDERED) — Con.					<b>Sugar (YELLOW)</b> — Con.				
<i>Foreign Countries.</i>					<i>United States—Con.</i>				
Germany, . . . lb.		1878	M	\$0.12	Connecticut, . . . lb.		1874	M	\$0.10 $\frac{1}{2}$
		1886	M	0.09				L	0.08 $\frac{1}{2}$
							1875	H	0.13
								M	0.11 $\frac{1}{2}$
<b>Sugar (YELLOW).</b>								L	0.09 $\frac{1}{2}$
<i>United States.</i>							1876	H	0.13
Connecticut, . . . lb.		1851	M	0.09				M	0.11
		1852	M	0.08				L	0.09
		1853	M	0.08			1877	H	0.13
		1854	M	0.09 $\frac{1}{2}$				M	0.11
		1855	M	0.12				L	0.09 $\frac{1}{2}$
		1856	H	0.11 $\frac{1}{2}$			1878	H	0.12
			L	0.10 $\frac{1}{2}$				M	0.10
		1857	H	0.11				L	0.08 $\frac{1}{2}$
			L	0.10			1879	H	0.11
		1858	H	0.10 $\frac{1}{2}$				M	0.09 $\frac{1}{2}$
			L	0.09 $\frac{1}{2}$				L	0.08
		1859	H	0.10			1880	H	0.10
			L	0.09				L	0.08 $\frac{1}{2}$
		1860	H	0.12	Illinois, . . . lb.		1851	M	0.10
			L	0.09 $\frac{1}{2}$			1852	M	0.08
		1861	H	0.10			1853	M	0.10
			L	0.08 $\frac{1}{2}$			1855	H	0.11
		1862	H	0.12 $\frac{1}{2}$				L	0.06
			L	0.10 $\frac{1}{2}$			1856	H	0.12
		1863	H	0.17				L	0.11
			M	0.15			1857	H	0.14
			L	0.13				L	0.11
		1864	H	0.28			1858	H	0.12
			M	0.25				L	0.11
			ml	0.23			1859	H	0.11
			L	0.21				L	0.10
		1865	H	0.25			1860	H	0.12
			M	0.22				L	0.11
			ml	0.20			1861	H	0.14
			L	0.18				L	0.12 $\frac{1}{2}$
		1866	H	0.22			1862	H	0.18
			mh	0.20				L	0.15
			M	0.17			1863	H	0.33
			L	0.14				M	0.30
		1867	H	0.21				L	0.16
			M	0.19			1864	H	0.33
			ml	0.17				M	0.30
			L	0.15 $\frac{1}{2}$				L	0.25
		1868	H	0.20			1865	H	0.25
			M	0.18				L	0.21
			ml	0.16			1866	H	0.20
			L	0.14				L	0.18
		1869	H	0.20			1867	H	0.19
			M	0.18				L	0.15
			ml	0.16			1868	H	0.19
			L	0.14				L	0.18
		1870	H	0.18			1869	H	0.19
			mh	0.16				L	0.16
			M	0.14			1870	H	0.18
			ml	0.12 $\frac{1}{2}$				M	0.16 $\frac{1}{2}$
			L	0.11				L	0.13
		1871	H	0.15			1871	H	0.18
			M	0.13 $\frac{1}{2}$				L	0.15
			L	0.11 $\frac{1}{2}$			1872	H	0.18
		1872	H	0.15				L	0.12
			M	0.13			1873	H	0.17
			L	0.11				M	0.14
		1873	H	0.15				L	0.11
			M	0.12 $\frac{1}{2}$			1874	H	0.16
			ml	0.11				M	0.12 $\frac{1}{2}$
			L	0.09				L	0.11
		1874	H	0.13			1875	H	0.16

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Sugar (YELLOW) — Con.					Sugar (YELLOW) — Con.				
United States—Con.					United States—Con.				
Illinois, . . . . lb.	1875	L	\$0.11		Indiana, . . . . lb.	1876	L	\$0.11	
	1876	H	0.15			1877	H	0.18	
		L	0.12				M	0.16	
	1877	H	0.14			1878	L	0.11	
		L	0.11				H	0.13	
	1878	H	0.19				L	0.10	
		M	0.14			1879	H	0.12	
		L	0.10				L	0.10	
	1879	H	0.12			1880	H	0.12	
		L	0.09				L	0.09	
	1880	H	0.12		Iowa, . . . . lb.	1861	H	0.08	
		L	0.10				L	0.07	
Indiana, . . . . lb.	1851	M	0.08			1862	H	0.10	
	1852	M	0.08				L	0.09	
	1853	M	0.08			1863	H	0.10	
	1854	M	0.08 $\frac{1}{2}$				L	0.09	
	1855	M	0.08 $\frac{1}{2}$			1864	H	0.12	
	1856	M	0.09				L	0.11	
	1857	M	0.09 $\frac{1}{2}$			1865	H	0.12	
	1858	M	0.10				L	0.11	
	1859	M	0.11			1866	H	0.14	
	1860	M	0.12				L	0.12 $\frac{1}{2}$	
	1861	H	0.12			1867	H	0.14	
		L	0.11				L	0.13	
	1862	H	0.12			1868	H	0.12	
		L	0.11				L	0.11	
	1863	H	0.12			1869	H	0.12	
		L	0.11				L	0.11	
	1864	H	0.14			1870	H	0.12	
		L	0.12				L	0.11	
	1865	H	0.30			1871	H	0.12	
		mh	0.23				L	0.11	
		M	0.14			1872	H	0.12	
		L	0.12				L	0.11	
	1866	H	0.30			1873	H	0.12	
		mh	0.28				L	0.11	
		M	0.14			1874	H	0.12	
		L	0.12				L	0.11	
	1867	H	0.20			1875	H	0.11	
		M	0.18				L	0.10	
		L	0.12			1876	H	0.11	
	1868	H	0.20				L	0.10	
		mh	0.18			1877	H	0.11	
		M	0.14				L	0.10	
		L	0.12			1878	H	0.11	
	1869	H	0.19				L	0.10	
		mh	0.17			1879	H	0.11	
		M	0.14				L	0.10	
		L	0.12			1880	H	0.11	
	1870	H	0.18				L	0.10	
		M	0.16		Kansas, . . . . lb.	1871	H	0.09	
		L	0.13				L	0.08	
	1871	H	0.18			1872	H	0.09	
		mh	0.16				L	0.08	
		M	0.14			1877	M	0.07	
		L	0.12			1880	M	0.08 $\frac{1}{2}$	
	1872	H	0.17		Kentucky, . . . . lb.	1872	M	0.12 $\frac{1}{2}$	
		M	0.14			1873	M	0.11	
		L	0.12			1874	H	0.10 $\frac{3}{4}$	
	1873	H	0.17				L	0.09 $\frac{3}{4}$	
		L	0.12			1875	H	0.10 $\frac{3}{4}$	
	1874	H	0.18				L	0.09 $\frac{3}{4}$	
		M	0.13			1876	H	0.10 $\frac{3}{4}$	
		L	0.11				L	0.09 $\frac{3}{4}$	
	1875	H	0.18			1877	M	0.10 $\frac{3}{4}$	
		M	0.13			1880	M	0.08 $\frac{3}{4}$	
		L	0.11		Maryland, . . . . lb.	1869	M	0.11	
	1876	H	0.18			1870	M	0.10	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Sugar (YELLOW) — Con.					Sugar (YELLOW) — Con.				
United States—Con.					United States—Con.				
Maryland, . . . lb.		1871	M	\$0.10	Missouri, . . . lb.		1855	M	\$0.09
		1872	M	0.10			1856	M	0.10
		1873	M	0.10			1857	M	0.15
		1874	M	0.09			1858	M	0.12 $\frac{1}{2}$
		1875	M	0.08			1859	M	0.09
		1876	M	0.09			1860	M	0.10
		1877	M	0.10			1861	M	0.11
		1878	M	0.08			1862	H	0.13 $\frac{1}{2}$
		1879	M	0.07				L	0.12 $\frac{1}{2}$
		1880	M	0.08			1863	H	0.21
Massachusetts, . lb.		1851	H	0.09				L	0.16
			L	0.08			1864	H	0.27
		1854	H	0.10				L	0.25
			L	0.08 $\frac{3}{4}$			1865	H	0.23
		1855	H	0.09				L	0.20
			L	0.08			1866	H	0.18
		1856	H	0.12				L	0.17
			L	0.10			1867	H	0.18
		1857	H	0.15				L	0.17
			L	0.14			1868	H	0.20
		1858	H	0.12				L	0.17
			L	0.10			1869	H	0.20
		1859	H	0.12				L	0.18
			L	0.10			1870	H	0.16
		1860	H	0.12				L	0.14
			L	0.11			1871	H	0.15
		1861	H	0.08				L	0.12 $\frac{1}{2}$
			L	0.07			1872	H	0.16 $\frac{3}{4}$
		1862	H	0.11				M	0.14 $\frac{1}{2}$
			L	0.10				L	0.12 $\frac{1}{2}$
		1863	H	0.13			1873	H	0.14
			L	0.12				L	0.13
		1864	H	0.24			1874	H	0.14
			L	0.22				L	0.11
		1865	H	0.15			1875	H	0.12 $\frac{1}{2}$
			L	0.14				L	0.11
		1866	H	0.15			1876	M	0.12 $\frac{1}{2}$
			L	0.14			1877	M	0.12 $\frac{1}{2}$
		1867	H	0.17			1878	H	0.12 $\frac{1}{2}$
			L	0.16				L	0.11
		1868	H	0.17			1879	H	0.11
			L	0.16				L	0.09
		1869	H	0.17			1880	H	0.11
			L	0.16				L	0.10
		1870	H	0.14	New Jersey, . . lb.		1851	M	0.07
			L	0.13			1852	M	0.09
		1871	H	0.13			1853	M	0.09
			L	0.12			1854	M	0.09
		1872	H	0.12 $\frac{1}{2}$			1855	M	0.09
			L	0.11 $\frac{1}{2}$			1856	M	0.10
		1873	H	0.11 $\frac{1}{2}$			1857	M	0.11
			L	0.10 $\frac{1}{2}$			1858	M	0.09
		1874	H	0.11			1859	M	0.09
			L	0.10			1860	M	0.09
		1875	H	0.11			1867	M	0.15
			L	0.10			1869	M	0.15
		1876	H	0.11			1874	M	0.10 $\frac{2}{3}$
			L	0.10	New York, . . . lb.		1851	H	0.10
		1877	H	0.12				M	0.08
			L	0.11				L	0.06
		1878	H	0.08			1852	H	0.10
			L	0.07				M	0.08
		1879	H	0.08				L	0.06
			L	0.07			1853	H	0.10
		1880	H	0.09				M	0.08
			L	0.08				L	0.06
		1891	M	0.06			1854	H	0.10
Minnesota, . . . lb.		1890	M	0.06				M	0.08



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Sugar (YELLOW) — Con.					Sugar (YELLOW) — Con.				
United States—Con.					United States—Con.				
New York, . . . lb.	1854	L		\$0.05 $\frac{1}{2}$	New York, . . . lb.	1877	H		\$0.12
	1855	H		0.12 $\frac{1}{2}$			L		0.10
		M		0.10		1878	H		0.12
		ml		0.08			M		0.10
		L		0.06			L		0.08 $\frac{1}{2}$
	1856	H		0.14		1879	H		0.11
		M		0.11			M		0.09
		ml		0.09			L		0.07 $\frac{1}{2}$
		L		0.07		1880	H		0.11
	1857	H		0.15			L		0.08 $\frac{1}{2}$
		mh		0.13 $\frac{1}{2}$	Ohio, . . . lb.	1851	H		0.12
		M		0.11			M		0.10
		ml		0.09			L		0.08
		L		0.07		1852	H		0.12
	1858	H		0.11			M		0.10
		M		0.09			L		0.08
		L		0.07		1853	H		0.12
	1859	H		0.10 $\frac{1}{2}$			M		0.10
		M		0.09			L		0.08
		L		0.07		1854	H		0.12
	1860	H		0.10			M		0.10
		L		0.07			L		0.08
	1861	H		0.10		1855	H		0.12
		L		0.07			M		0.10
	1862	H		0.11			L		0.08
		L		0.09		1856	H		0.12
	1863	H		0.16			L		0.09
		mh		0.14		1857	H		0.12
		M		0.11 $\frac{1}{2}$			L		0.09
		L		0.09		1858	H		0.11
	1864	H		0.30			L		0.09
		mh		0.26		1859	H		0.12
		M		0.22			L		0.10
		L		0.13		1860	H		0.11
	1865	H		0.29			L		0.10
		mh		0.25		1861	H		0.12 $\frac{1}{2}$
		M		0.20			M		0.10
		ml		0.18			L		0.08
		L		0.15		1862	H		0.18
	1866	H		0.20			M		0.15
		M		0.18			ml		0.12 $\frac{1}{2}$
		L		0.15			L		0.10
	1867	H		0.18		1863	H		0.22
		M		0.16			mh		0.20
		L		0.10			M		0.16
	1868	H		0.17			ml		0.12 $\frac{1}{2}$
		M		0.15			L		0.11
		L		0.10		1864	H		0.25
	1869	H		0.18			mh		0.22
		M		0.16			M		0.20
		L		0.09			ml		0.18
	1870	H		0.15			L		0.15
		M		0.13		1865	H		0.25
		L		0.09			M		0.20
	1871	H		0.15			ml		0.18
		M		0.13			L		0.16
		L		0.11 $\frac{1}{2}$		1866	H		0.25
	1872	H		0.15			mh		0.22
		M		0.13			M		0.20
		L		0.11			ml		0.16
	1873	H		0.13			L		0.14
		L		0.11		1867	H		0.25
	1874	H		0.12			mh		0.22
		L		0.09 $\frac{1}{2}$			M		0.18
	1875	H		0.12			ml		0.15
		L		0.10			L		0.12 $\frac{1}{2}$
	1876	H		0.12		1868	H		0.25
		L		0.10			mh		0.20

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Sugar (YELLOW) — Con.					Sugar (YELLOW) — Con.				
United States—Con.					United States—Con.				
Ohio, . . . .	lb.	1868	M	\$0.18½	Pennsylvania, .	lb.	1857	L	\$0.07
			ml	0.16			1858	H	0.11
			L	0.12½				L	0.07
		1869	H	0.25			1859	H	0.11
			mh	0.20				L	0.07
			M	0.18			1860	H	0.10
			ml	0.16				L	0.07
			L	0.12½			1861	H	0.09
		1870	H	0.25				L	0.07
			mh	0.20			1862	H	0.10
			M	0.18				L	0.08
			ml	0.15			1863	H	0.16
			L	0.12½				M	0.13
		1871	H	0.18				L	0.10
			mh	0.16			1864	H	0.30
			M	0.14				mh	0.28
			ml	0.12				M	0.24
			L	0.10				L	0.12
		1872	H	0.18			1865	H	0.30
			mh	0.16				mh	0.28
			M	0.14				M	0.18
			ml	0.12				L	0.15
			L	0.10			1866	H	0.30
		1873	H	0.22				mh	0.28
			mh	0.17				M	0.18
			M	0.16				L	0.15
			ml	0.12			1867	H	0.26
			L	0.09				mh	0.24
		1874	H	0.16				M	0.18
			mh	0.14				L	0.15
			M	0.12			1868	H	0.24
			ml	0.10½				mh	0.22
			L	0.09				M	0.17
		1875	H	0.16				L	0.14
			M	0.13			1869	H	0.20
			ml	0.11				M	0.17
			L	0.08½				L	0.14
		1876	H	0.15			1870	H	0.20
			M	0.13				M	0.18
			ml	0.11				ml	0.15
			L	0.09				L	0.13
		1877	H	0.16			1871	H	0.17
			mh	0.14				L	0.14
			M	0.12			1872	H	0.15
			ml	0.10½				L	0.13
			L	0.09			1873	H	0.15
		1878	H	0.12½				M	0.13
			M	0.10				L	0.11
			L	0.08			1874	H	0.13
		1879	H	0.12½				L	0.10
			M	0.10			1875	H	0.13
			L	0.07				L	0.10
		1880	H	0.12½			1876	H	0.12
			M	0.10				L	0.10
			L	0.08			1877	H	0.12
Pennsylvania, .	lb.	1851	H	0.08				L	0.09
			L	0.07			1878	H	0.11
		1852	H	0.08				L	0.09
			L	0.07			1879	H	0.11
		1853	H	0.08				L	0.08
			L	0.07			1880	H	0.10
		1854	H	0.09				L	0.08
			L	0.07			1851	H	0.08
		1855	H	0.09	Tennessee, .	lb.		L	0.06
			L	0.07			1855	H	0.12½
		1856	H	0.10				L	0.11
			L	0.07			1856	H	0.16
		1857	H	0.11				L	0.15

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Sugar (YELLOW)</b> — Con.					<b>Sugar (YELLOW)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Tennessee, . . . lb.		1857	M	\$0.15	West Virginia, . . lb.		1869	M	\$0.10
		1863	H	0.40			1870	M	0.10
			L	0.35			1871	M	0.10
		1864	H	0.40			1872	M	0.10
			L	0.35			1873	M	0.10
		1865	H	0.40			1874	M	0.10
			L	0.35			1875	M	0.10
		1866	M	0.30			1876	M	0.10
		1867	H	0.25			1877	M	0.10
			L	0.22			1878	M	0.10
		1868	M	0.20			1879	M	0.10
		1869	M	0.22			1880	M	0.10
		1870	M	0.10					
		1871	H	0.14½	<i>Foreign Countries.</i>				
			L	0.09	England, . . . lb.		1873	H	0.08
		1872	H	0.12½				L	0.07
			L	0.10			1878	M	0.07
		1873	H	0.15					
			L	0.10	<b>Tapioca.</b>				
		1874	H	0.14	<i>United States.</i>				
			M	0.12½	Connecticut, . . lb.		1860	M	0.20
			L	0.11			1867	M	0.10
		1875	H	0.12½	Massachusetts, . lb.		1835	M	0.10
			L	0.11			1837	M	0.10
		1876	H	0.13			1843	M	0.12
			L	0.11			1844	M	0.11
		1877	H	0.13½			1845	M	0.12
			M	0.11			1846	M	0.12
			L	0.09½			1847	M	0.10
		1878	H	0.13			1848	M	0.11
			L	0.09½			1849	M	0.12
		1879	H	0.11			1850	M	0.12
			M	0.09			1851	M	0.12
			L	0.06½			1852	M	0.11
		1880	H	0.12			1854	M	0.12
			M	0.10			1857	M	0.16
			L	0.08			1858	M	0.17
West Virginia, . lb.		1851	M	0.07			1859	M	0.16
		1852	H	0.08			1891	H	0.10
			L	0.07				L	0.07
		1853	H	0.08	Minnesota, . . . lb.		1890	H	0.10
			L	0.07				L	0.07
		1854	H	0.08	<i>Foreign Countries.</i>				
			L	0.07	England, . . . lb.		1878	H	0.20
		1855	H	0.08				L	0.12
			L	0.07			1882	H	0.08
		1856	H	0.08				L	0.04
			L	0.07			1883	H	0.08
		1857	H	0.08				L	0.04
			L	0.07				M	0.16
		1859	H	0.08	Scotland, . . . lb.		1878		
			L	0.07					
		1860	H	0.07	<b>Tea.</b>				
			L	0.06	<i>United States.</i>				
		1861	H	0.12	California, . . . lb.		1884	M	0.70
			L	0.10			1888	M	0.47
		1862	H	0.14	Colorado, . . . lb.		1883	H	1.02½
			L	0.12				mh	0.86½
		1863	H	0.14				M	0.70
			L	0.12				ml	0.55
		1864	H	0.14				L	0.37½
			L	0.12	Connecticut, . . lb.		1851	M	0.35
		1865	H	0.14			1852	M	0.50
			L	0.12			1853	M	0.50
		1866	M	0.12			1854	H	0.65
		1867	H	0.12					
			L	0.10					
		1868	M	0.10					



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Tea — Con.</b>					<b>Tea — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Illinois, . . . .	lb.	1885	mh	\$0.80	Iowa, . . . .	lb.	1885	ml	\$0.40
			M	0.50				L	0.20
			L	0.25			1887	H	1.50
		1888	M	0.65				mh	1.00
Indiana, . . . .	lb.	1851	M	0.80				M	0.80
		1852	M	0.80				ml	0.63
		1853	M	0.80				L	0.35
		1854	M	0.90			1888	M	0.65
		1855	M	0.90	Kansas, . . . .	lb.	1871	M	1.00
		1856	M	0.90			1872	M	1.00
		1857	M	0.95			1873	M	1.00
		1858	M	0.95			1874	M	1.00
		1859	M	0.95			1875	M	1.00
		1860	M	1.00			1876	M	0.90
		1861	M	0.90			1877	M	0.90
		1862	M	1.00			1878	M	0.80
		1863	M	1.25			1879	M	0.80
		1864	M	1.60			1880	H	0.90
		1865	H	1.60				L	0.75
			L	0.90			1882	M	0.60
		1866	H	1.25			1884	M	0.60
			L	1.00			1888	M	0.70
		1867	H	1.80	Maine, . . . .	lb.	1858	M	0.56
			L	0.80			1865	M	1.40
		1868	H	1.75			1866	M	1.40
			L	0.80			1867	M	1.10
		1869	H	1.75			1868	H	1.50
			L	0.80				L	1.25
		1870	H	1.75			1872	M	0.80
			L	0.90			1876	M	0.90
		1871	M	1.75			1877	M	0.60
		1872	M	1.60			1878	H	0.75
		1873	M	1.50				L	0.65
		1874	M	1.40			1882	M	0.60
		1875	H	1.25			1886	M	0.60
			L	0.70			1887	M	0.60
		1876	H	1.20			1888	M	0.60
			L	0.85			1889	H	0.60
		1877	H	1.00				M	0.50
			L	0.70				L	0.35
		1878	H	1.00	Maryland, . . . .	lb.	1851	M	0.60
			L	0.70			1852	M	0.60
		1879	H	0.80			1853	M	0.60
			L	0.70			1854	M	0.50
		1880	H	0.80			1855	M	0.50
			L	0.65			1856	M	0.50
Iowa, . . . .	lb.	1888	M	0.70			1857	M	0.60
		1861	M	0.30			1858	M	0.60
		1862	M	0.70			1859	M	0.60
		1863	M	1.40			1860	M	0.60
		1864	M	1.60			1861	M	0.75
		1865	M	2.00			1862	M	1.00
		1866	M	2.00			1863	M	1.00
		1867	M	1.50			1864	M	1.20
		1868	M	1.25			1865	M	1.50
		1869	M	1.00			1866	M	1.25
		1870	M	1.00			1867	M	1.20
		1871	M	1.00			1868	M	1.20
		1872	M	1.00			1869	M	1.20
		1873	M	0.80			1870	M	1.10
		1874	M	0.60			1871	M	1.00
		1875	M	0.60			1872	M	0.75
		1876	M	0.60			1873	M	0.60
		1877	M	0.40			1874	M	0.60
		1878	M	0.50			1875	M	0.60
		1879	M	0.50			1876	M	0.50
		1880	M	0.50			1877	M	0.50
		1885	H	1.00			1878	M	0.50
			M	0.75			1879	M	0.40



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Tea — Con.					Tea — Con.				
United States—Con.					United States—Con.				
Maryland, . . . lb.		1880	M	\$0.40	Massachusetts, . . lb.	1860	H		\$0.75
		1882	H	1.50			L		0.50
			L	0.60		1861	M		0.75
		1885	H	0.80		1862	M		1.00
			M	0.50		1863	M		1.00
			L	0.30		1864	M		1.25
Massachusetts, . . lb.		1830	M	0.66		1865	M		1.25
		1831	M	0.51		1866	M		1.25
		1832	H	0.66		1867	H		1.53
			L	0.38			M		1.25
		1833	H	0.54			L		0.73
			L	0.46		1868	H		1.58
		1835	H	0.51			M		1.25
			L	0.37			L		0.68
		1837	H	0.62		1869	H		1.60
			L	0.25			M		1.25
		1838	H	0.84			L		0.69
			M	0.44		1870	H		1.54
			L	0.28			M		1.00
		1839	H	0.87			L		0.63
			M	0.44		1871	H		1.29
			L	0.37			M		0.80
		1840	H	0.80			L		0.49
			L	0.44		1872	H		1.12
		1841	H	0.82			M		0.80
			L	0.60			L		0.40
		1842	H	0.76		1873	H		0.95
			L	0.53			L		0.26
		1843	H	0.75		1874	H		1.06
			L	0.48			M		0.80
		1844	H	0.64			L		0.26½
			L	0.34		1875	H		0.93
		1845	H	0.59			M		0.75
			L	0.33			L		0.27½
		1846	H	0.72		1876	H		0.83
			L	0.26			L		0.27
		1847	H	0.72		1877	H		0.76½
			M	0.39			M		0.50
			L	0.25			L		0.28½
		1848	H	0.78		1878	H		1.25
			L	0.32			M		0.75
		1849	H	0.59			L		0.50
			L	0.30		1879	H		0.60½
		1850	H	0.77			M		0.50
			L	0.36			L		0.18½
		1851	H	0.69		1880	H		0.71½
			M	0.56			mh		0.60
			L	0.37			M		0.50
		1852	H	0.75			L		0.20
			M	0.40		1881	M		0.60
			L	0.33		1885	H		0.90
		1853	H	0.75			M		0.60
			M	0.34			L		0.45
			L	0.25		1888	M		0.75
		1854	H	0.75		1891	H		1.50
			M	0.60			M		0.80
			L	0.35			ml		0.50
		1855	H	0.62			L		0.20
			L	0.40	Michigan, . . . lb.	1885	H		1.00
		1856	H	0.63			mh		0.80
			M	0.50			M		0.65
			L	0.41			ml		0.49
		1857	H	0.75			L		0.30
			M	0.50		1888	M		0.50
			L	0.29	Minnesota, . . . lb.	1888	M		0.62½
		1858	M	0.56		1890	H		1.25
		1859	H	0.74			mh		1.00
			M	0.60			M		0.75
			L	0.50			ml		0.50

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Tea — Con.					Tea — Con.				
United States—Con.					United States—Con.				
Minnesota, . . .	lb.	1890	L	\$0.25	New Jersey, . . .	lb.	1857	M	\$0.50
Missouri, . . .	lb.	1851	M	0.60			1858	M	0.50
		1852	H	1.00			1859	M	0.75
			L	0.60			1860	M	0.50
		1853	H	0.90			1861	M	0.60
			L	0.60			1862	M	0.65
		1854	M	0.80			1863	M	0.75
		1855	H	0.90			1864	M	0.75
			L	0.60			1865	M	0.80
		1856	H	1.00			1866	M	1.00
			L	0.80			1867	H	1.24
		1857	H	1.00				L	1.00
			L	0.80			1868	M	0.75
		1858	H	1.00			1869	H	1.53
			L	0.75				L	0.75
		1859	M	0.80			1870	M	0.75
		1860	H	1.00			1871	M	0.60
			M	0.75			1872	M	0.50
			L	0.60			1873	M	0.50
		1861	H	0.75			1874	H	0.90
			L	0.60				L	0.50
		1862	M	0.80			1875	M	0.50
		1863	M	1.60			1876	M	0.50
		1864	H	1.75			1877	M	0.50
			L	1.50			1878	H	1.00
		1865	H	2.00				M	0.80
			L	1.75				ml	0.60
		1866	H	2.20				L	0.50
			L	1.60			1879	M	0.50
		1867	H	2.20			1880	M	0.50
			L	1.50			1882	H	0.88
		1868	M	1.60				mh	0.70
		1869	H	1.40				M	0.60
			L	1.20				ml	0.40
		1870	H	1.50				L	0.22
			L	1.00			1884	H	0.60
		1871	H	2.00				L	0.40
			L	1.20			1885	H	0.60
		1872	H	2.00				L	0.40
			L	1.20			1886	H	1.00
		1873	H	1.25				mh	0.80
			L	1.00				M	0.60
		1874	H	1.25				ml	0.40
			L	0.90				L	0.25
		1875	H	1.00	New York, . . .	lb.	1851	H	0.80
			L	0.80				M	0.62 $\frac{1}{2}$
		1876	H	1.00				ml	0.50
			L	0.80				L	0.40
		1877	M	0.80			1852	H	0.80
		1878	H	1.00				mh	0.62
			M	0.80				M	0.50
			ml	0.60				L	0.25
			L	0.40			1853	H	0.80
		1879	H	0.80				mh	0.62 $\frac{1}{2}$
			L	0.60				M	0.50
		1880	H	0.80				L	0.25
			L	0.50			1854	H	0.80
		1889	H	1.00				M	0.63
			mh	0.80				ml	0.50
			M	0.60				L	0.42
			ml	0.40			1855	H	0.80
			L	0.15				mh	0.63
Nebraska, . . .	lb.	1888	M	0.59				M	0.50
New Jersey, . . .	lb.	1851	M	0.50				L	0.24
		1852	M	0.50			1856	H	0.80
		1853	M	0.50				M	0.63
		1854	M	0.50				ml	0.50
		1855	M	0.50				L	0.44
		1856	M	0.62			1857	H	0.80

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Tea — Con.					Tea — Con.				
United States—Con.					United States—Con.				
New York, . . . lb.	1857	mh	\$0.70		New York, . . . lb.	1877	L	\$0.40	
		M	0.63			1878	H	1.20	
		ml	0.56				mh	1.00	
		L	0.50				M	0.80	
	1858	H	0.80				ml	0.60	
		mh	0.70				L	0.40	
		M	0.63			1879	H	0.87½	
		ml	0.56				M	0.75	
		L	0.50				L	0.50	
	1859	H	0.80			1880	H	0.80	
		mh	0.70				L	0.50	
		M	0.62½			1882	H	1.00	
		L	0.50				mh	0.80	
	1860	H	0.80				M	0.70	
		mh	0.62½				ml	0.50	
		M	0.50				L	0.25	
		L	0.25			1884	H	0.70	
	1861	H	0.75				mh	0.60	
		L	0.50				M	0.50	
	1862	H	1.25				L	0.25	
		mh	1.00			1885	H	0.70	
		M	0.88				L	0.25	
		L	0.50		Ohio, . . . lb.	1851	H	1.00	
	1863	H	1.25				M	0.85	
		mh	1.00				L	0.50	
		M	0.88			1852	H	1.00	
		L	0.60				M	0.80	
	1864	H	1.50				L	0.50	
		L	1.00			1853	H	1.00	
	1865	H	1.75				M	0.80	
		mh	1.62½				L	0.40	
		M	1.50			1854	H	1.00	
		L	1.00				M	0.75	
	1866	H	1.50				L	0.40	
		M	1.25			1855	H	1.00	
		L	1.00				M	0.85	
	1867	H	1.50				L	0.40	
		M	1.25			1856	H	1.00	
		L	0.80				M	0.80	
	1868	H	1.50				L	0.35	
		M	1.25			1857	H	1.00	
		ml	1.00				M	0.80	
		L	0.75				L	0.50	
	1869	H	1.50			1858	H	1.00	
		mh	1.25				M	0.80	
		M	1.12				L	0.45	
		ml	1.00			1859	H	1.00	
		L	0.75				mh	0.80	
	1870	H	1.25				M	0.70	
		M	1.00				L	0.50	
		L	0.75			1860	H	1.00	
	1871	H	1.30				L	0.80	
		L	1.00			1861	H	1.00	
	1872	H	1.25				M	0.80	
		L	1.00				ml	0.60	
	1873	H	1.25				L	0.50	
		L	1.00			1862	H	1.25	
	1874	H	1.25				M	1.00	
		L	0.99				ml	0.80	
	1875	H	1.00				L	0.60	
		M	0.75			1863	H	1.50	
		ml	0.60				M	1.25	
		L	0.50				ml	1.00	
	1876	H	1.00				L	0.75	
		M	0.80			1864	H	2.00	
		ml	0.60				mh	1.75	
		L	0.40				M	1.50	
	1877	H	1.00				L	1.00	
		M	0.80			1865	H	2.00	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con. Tea — Con. United States—Con. Ohio, . . . . lb.		1865	M ml L	\$1.50 1.25 1.00	FOOD PRODUCTS — Con. Tea — Con. United States—Con. Ohio, . . . . lb.		1879	ml L H	\$0.50 0.35 1.00
		1866	H M ml L	2.00 1.75 1.25 0.90		1880	mh M ml L	0.80 0.60 0.50 0.35	
		1867	H mh M ml L	2.25 2.00 1.80 1.25 0.85		1882	H mh M ml L	1.00 0.90 0.70½ 0.60 0.40	
		1868	H mh M ml L	2.00 1.75 1.50 1.25 0.85		1883	H L H L	0.91½ 0.70½ 1.00 0.40	
		1869	H mh M ml L	2.00 1.75 1.50 1.30 1.00		1885	H L H mh M ml L	0.40 0.90 0.75 0.60 0.50 0.30 0.60	
		1870	H mh M L	2.00 1.50 1.40 0.75	Pennsylvania, . . lb.	1851	H L H L	0.60 0.50 0.60 0.50	
		1871	H mh M ml L	1.80 1.50 1.25 0.80 0.50		1852	H L H L	0.60 0.50 0.60 0.50	
		1872	H mh M ml L	1.75 1.50 1.00 0.80 0.50		1853	H L H L	0.60 0.50 0.60 0.50	
		1873	H mh M ml L	1.50 1.20 1.00 0.80 0.50		1854	H L H L	0.60 0.50 0.60 0.50	
		1874	H mh M ml L	1.50 1.20 1.00 0.75 0.50		1855	H L H L	0.60 0.50 0.75 0.50	
		1875	H mh M ml L	1.25 1.00 0.80 0.75 0.50		1856	H L H L	0.75 0.50 0.75 0.50	
		1876	H mh M ml L	1.25 1.00 0.80 0.60 0.40		1857	H L H L	0.75 0.50 0.60 0.50	
		1877	H mh M ml L	1.20 1.00 0.75 0.60 0.35		1858	H L H L	0.60 0.50 0.80 0.50	
		1878	H mh M ml L	1.30 1.00 0.80 0.60 0.35		1859	H L H L	0.80 0.50 0.80 0.50	
		1879	H mh M	1.00 0.80 0.60		1860	H L H L	0.80 0.50 0.75 0.50	
						1861	H L H L	0.75 0.50 0.80 0.50	
						1862	H L H L	0.80 0.50 1.00 0.55	
						1863	H L H M	1.00 0.55 1.75 1.00	
						1864	H L H L	1.00 0.65 1.50 1.25	
						1865	H M L H	1.25 1.00 1.50 1.25	
						1866	H M L H	1.50 1.25 1.00 1.25	
						1867	H M L H	1.00 1.25 1.50 1.00	
						1868	H M L H	1.25 1.00 1.50 1.20	
						1869	H M L H	1.50 1.30 1.00 1.40	
						1870	H L L H	1.30 1.00 1.00 1.25	
						1871	H L L H	1.40 1.00 1.00 1.25	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Tea — Con.</b>					<b>Tea — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Pennsylvania, . . . lb.		1871	L	\$0.90	Tennessee, . . . lb.		1876	H	\$1.00
		1872	H	1.25				L	0.75
			L	0.80			1877	H	0.90
		1873	H	1.25				M	0.75
			L	0.80				L	0.65
		1874	H	1.00			1878	H	1.00
			L	0.70				L	0.50
		1875	H	1.00			1879	H	1.00
			M	0.70				M	0.75
			L	0.25				L	0.50
		1876	H	1.00			1880	H	0.90
			L	0.65				L	0.50
		1877	H	1.00	West Virginia, . . lb.		1851	M	0.60
			L	0.55			1852	M	0.60
		1878	H	1.00			1853	M	0.60
			L	0.50			1854	M	0.50
		1879	H	1.00			1855	M	0.50
			mh	0.80			1856	M	0.50
			M	0.60			1857	M	0.60
			ml	0.40			1858	M	0.60
			L	0.25			1859	M	0.60
		1880	H	1.25			1860	M	0.50
			mh	1.00			1861	M	0.60
			M	0.82			1862	M	0.80
			ml	0.61			1863	M	0.80
			L	0.40			1864	M	0.80
		1881	H	1.01			1865	M	0.90
			mh	0.88			1866	M	0.80
			M	0.74			1867	M	0.80
			ml	0.63			1868	M	0.60
			L	0.50			1869	M	0.60
		1882	H	1.50			1870	M	0.60
			M	0.97			1871	M	0.50
			ml	0.67			1872	M	0.50
			L	0.40			1873	M	0.50
		1884	H	1.00			1874	M	0.50
			mh	0.75			1875	M	0.50
			M	0.65			1876	M	0.50
			ml	0.45			1877	M	0.50
			L	0.30			1878	M	0.50
		1885	H	0.80			1879	M	0.50
			mh	0.65			1880	M	0.50
			M	0.50	Wisconsin, . . . lb.		1880	M	0.50
			ml	0.40			1881	M	0.50
			L	0.25			1882	M	0.50
		1888	M	0.75			1883	M	0.40
Rhode Island, . . . lb.		1888	M	0.52½			1884	H	1.40
Tennessee, . . . lb.		1851	M	0.40				L	0.25
		1855	M	0.75			1888	M	0.45
		1856	M	1.00					
		1857	M	0.75	<i>Foreign Countries.</i>				
		1863	M	1.25	Australia, . . . lb.		1836	M	0.60
		1864	M	1.00			1837	M	0.42
		1865	M	1.00			1839	M	0.60
		1866	M	1.00			1840	M	0.60
		1867	M	1.00			1841	M	0.60
		1868	M	1.00			1842	M	0.60
		1869	M	1.00			1843	M	0.60
		1870	M	0.75			1844	M	0.34
		1871	H	1.75			1845	M	0.36
			L	0.50			1846	M	0.54
		1872	H	1.75			1847	M	0.56
			L	0.60			1848	M	0.48
		1873	H	2.00			1849	M	0.42
			L	0.60			1850	M	0.44
		1874	H	1.50			1851	M	0.32
			M	1.00			1852	M	0.32
			L	0.60			1853	M	0.32
		1875	M	0.75			1854	M	0.60



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	*Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FOOD PRODUCTS — Con.					FOOD PRODUCTS — Con.				
Tea — Con.					Tea — Con.				
Foreign Countries — Con.					Foreign Countries — Con.				
Australia, . . . lb.		1855	M	\$0.58	England, . . . lb.		1881	M	\$0.50
		1856	M	0.52½			1882	H	0.96
		1857	M	0.60				mh	0.80
		1858	M	0.60				M	0.60
		1859	M	0.60				L	0.44
		1860	M	0.54			1883	H	0.80
		1861	M	0.56				M	0.49
		1862	M	0.48				L	0.36
		1863	M	0.48			1884	H	0.89
		1864	M	0.48				L	0.32
		1865	M	0.48			1885	H	0.89
		1866	M	0.60				L	0.32
		1867	M	0.48	France, . . . lb.		1878	M	1.58
		1868	M	0.48			1884	H	1.40
		1869	M	0.48				L	1.00
		1870	M	0.48			1885	H	1.40
		1871	M	0.54				L	1.00
		1872	M	0.42			1889	H	1.49
		1873	M	0.42				L	1.12
		1874	M	0.42			1891	M	0.54
		1875	M	0.42	Germany, . . . lb.		1878	H	1.70
		1876	M	0.42				mh	1.25
		1877	M	0.48				M	1.10
		1878	M	0.42				ml	0.75
		1879	M	0.36				L	0.45
		1880	M	0.48			1879	M	0.75
		1881	H	0.85			1883	M	1.00
			M	0.48			1884	M	0.75
			L	0.36			1885	H	2.00
		1882	M	0.48				M	1.20
		1883	M	0.48				ml	1.00
		1884	M	0.36				L	0.70
		1885	H	0.60			1887	H	1.20
			L	0.37½				L	0.96
		1886	M	0.42	Guiana, . . . lb.		1889	H	1.90
		1887	M	0.42				L	0.40
		1888	M	0.36	Holland, . . . lb.		1882	H	0.36
		1889	M	0.36				L	0.21½
Austria, . . . lb.		1878	H	2.00			1884	H	0.54
			M	1.12				L	0.17
			L	0.35			1885	H	0.54
Belgium, . . . lb.		1878	M	0.85				L	0.17
Brazil, . . . lb.		1882	H	2.00	Ireland, . . . lb.		1878	H	1.25
			L	1.75				M	0.80
Canada, . . . lb.		1878	H	1.00				ml	0.50
			L	0.50				L	0.30
		1882	H	1.00			1879	M	0.80
			M	0.75			1884	H	0.90
			ml	0.50				L	0.40
			L	0.40	Italy, . . . lb.		1878	H	1.75
		1887	M	0.45				M	1.30
China, . . . lb.		1889	M	0.50				L	1.00
Denmark, . . . lb.		1878	M	0.86			1882	M	2.00
Ecuador, . . . lb.		1883	H	1.00			1889	H	1.73½
			L	0.50				mh	1.45
England, . . . lb.		1873	H	0.72				M	1.20
			M	0.60				L	0.70
			ml	0.48	Mexico, . . . lb.		1882	H	3.00
			L	0.40				L	2.00
		1878	H	1.20			1883	H	2.00
			mh	0.96				M	1.50
			M	0.70	New Zealand, . . lb.		1889	M	0.56
			ml	0.50	Nova Scotia, . . lb.		1890	M	0.30
			L	0.25	Portugal, . . . lb.		1878	M	0.87
		1879	H	0.88	Prussia, . . . lb.		1878	H	1.25
			L	0.43				M	1.00
		1880	H	0.60				L	0.50
			L	0.44			1884	H	2.00

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Tea—Con.</b>					<b>Tea (BLACK)</b> — Con.				
<i>Foreign Countries.</i>					<i>United States—Con.</i>				
Prussia, . . . lb.	1884	L	\$0.70		Connecticut, . . lb.	1880	L	\$0.45	
	1885	H	2.00			1887	H	0.80	
		L	0.70				L	0.40	
Russia, . . . lb.	1878	H	3.00		Illinois, . . . lb.	1884	M	0.52	
		L	1.00		Iowa, . . . lb.	1887	H	1.00	
Saxony, . . . lb.	1878	M	0.75				mh	0.80	
Scotland, . . lb.	1878	H	0.96				M	0.60	
		mh	0.88				ml	0.40	
		M	0.70				L	0.20	
		L	0.40		Massachusetts, . lb.	1830	M	0.57	
	1879	H	0.88			1831	M	0.64	
		L	0.70			1832	H	0.62	
	1883	M	0.75				L	0.48	
	1884	H	0.88				H	0.50	
		L	0.70				L	0.41	
Sicily, . . . lb.	1878	M	0.70			1834	M	0.39	
Spain, . . . lb.	1878	H	1.00			1835	M	0.30	
		M	0.60			1838	M	0.38	
		L	0.30			1839	M	0.33	
	1879	M	0.70			1840	M	0.49	
	1884	M	0.70			1841	M	0.75	
	1889	H	3.00			1843	H	0.60	
		L	0.60				M	0.48	
Sweden, . . . lb.	1878	M	0.75				L	0.35	
	1881	M	0.81			1845	M	0.50	
Switzerland, . lb.	1878	M	0.50			1880	H	0.80	
	1879	M	0.50				M	0.65	
	1882	M	1.00				L	0.50	
	1884	H	1.50			1885	H	0.80	
		M	1.00				mh	0.70	
		L	0.50				M	0.60	
	1885	H	1.50				ml	0.55	
		L	1.00				L	0.45	
United States of						1891	H	1.50	
Colombia, . . lb.	1883	H	1.00				M	0.80	
		L	0.80				ml	0.58	
Wales, . . . lb.	1878	M	0.66				L	0.28	
West Indies, . lb.	1881	H	2.50		Minnesota, . . lb.	1890	H	0.90	
		L	0.50				mh	0.70	
	1889	M	0.84				M	0.60	
							ml	0.50	
<b>Tea (BLACK).</b>							L	0.35	
<i>United States.</i>					Missouri, . . . lb.	1889	H	0.60	
Connecticut, . lb.	1853	H	0.62				M	0.50	
		L	0.37				L	0.40	
	1860	M	0.50		New Jersey, . . lb.	1878	H	1.00	
	1864	M	2.00				mh	0.80	
	1869	M	1.00				M	0.60	
	1870	M	1.00				L	0.40	
	1871	M	0.90		New York, . . . lb.	1870	M	1.50	
	1872	M	0.90		Ohio, . . . lb.	1877	H	1.25	
	1873	H	0.90				mh	1.00	
		L	0.75				M	0.80	
	1874	H	0.75				ml	0.60	
		L	0.50				L	0.40	
	1875	H	0.75			1887	H	0.80	
		L	0.55				mh	0.70	
	1876	H	0.75				M	0.60	
		L	0.60				ml	0.50	
	1877	H	0.85				L	0.40	
		M	0.75		Pennsylvania, . lb.	1875	M	0.75	
		L	0.55			1879	H	0.90	
	1878	H	0.75				L	0.40	
		L	0.60		<i>Foreign Countries.</i>				
	1879	H	0.75		England, . . . lb.	1873	H	0.72	
		L	0.50				L	0.60	
	1880	H	0.75			1878	H	0.96	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Tea (BLACK)</b> — Con.					<b>Tea (GREEN)</b> — Con.				
<i>Foreign Countries</i> — Con.					<i>United States—Con.</i>				
England, . . . . lb.	1878	M	\$0.70		Ohio, . . . . lb.	1887	L	\$0.35	
		ml	0.50		Pennsylvania, . . lb.	1875	M	1.00	
		L	0.36			1879	H	0.90	
	1883	H	0.72				L	0.40	
		L	0.30		Wisconsin, . . . lb.	1852	M	0.50	
France, . . . . lb.	1891	H	0.65			1880	M	0.50	
		L	0.54			1881	M	0.50	
Germany, . . . lb.	1889	H	1.19			1883	M	0.40	
		L	0.48			1884	M	0.40	
Switzerland, . . lb.	1878	M	0.50		<i>Foreign Countries.</i>				
Turkey, . . . . lb.	1881	H	0.88		Switzerland, . . lb.	1878	M	1.30	
		L	0.27						
<b>Tea (GREEN).</b> <i>United States.</i>					<b>Tomatoes</b> (CANNED).				
Iowa, . . . . lb.	1887	H	0.85		<i>United States.</i>				
		mh	0.72		Kansas, . . . . can	1885	M	0.12½	
		M	0.58		Maryland, . . . can	1885	M	0.10	
		ml	0.45		Massachusetts, . can	1880	H	0.18	
		L	0.30				M	0.15	
Massachusetts, . lb.	1830	H	1.12				L	0.12	
		L	0.89				H	0.15	
	1831	H	1.12			1885	M	0.12	
		L	1.00				L	0.10	
	1832	M	1.00				H	0.23	
	1833	H	0.95			1891	mh	0.20	
		M	0.88				M	0.16	
		L	0.78				ml	0.12	
	1834	M	0.60				L	0.08	
	1835	M	0.75		Minnesota, . . . can	1890	H	0.18	
	1838	M	0.78				mh	0.15	
	1840	M	0.46				M	0.12½	
	1842	M	0.75				ml	0.10	
	1843	H	0.71				L	0.08	
		L	0.66		Missouri, . . . . can	1889	H	0.12½	
	1844	M	0.60				L	0.10	
	1845	M	0.72		New Jersey, . . . can	1878	M	0.10	
	1846	H	0.66			1886	H	0.15	
		L	0.59				mh	0.12½	
	1847	H	0.68				M	0.10	
		L	0.50				ml	0.08	
	1849	M	0.78				L	0.05	
	1851	H	0.75		Pennsylvania, . . can	1878	M	0.10	
		L	0.50			1880	H	0.15	
	1880	M	0.50				L	0.12	
	1885	M	0.50				M	0.10	
	1891	H	0.75			1886	M	0.14	
		L	0.60		Wisconsin, . . . can	1880	M	0.12	
		M	0.50			1881	M	0.12	
Michigan, . . . lb.	1885	H	1.00			1882	M	0.12	
		M	0.75			1883	M	0.12	
		ml	0.55			1884	M	0.10	
		L	0.40		<i>Foreign Countries.</i>				
Minnesota, . . . lb.	1890	H	0.90		Germany, . . . . can	1878	M	0.35	
		mh	0.80		Hawaiian Islands, . can	1881	M	0.12½	
		M	0.70						
		ml	0.50						
		L	0.40						
Missouri, . . . . lb.	1889	H	0.80		<b>Vinegar.</b>				
		L	0.60		<i>United States.</i>				
New Jersey, . . lb.	1878	M	1.00		Illinois, . . . . gal.	1884	H	0.40	
Ohio, . . . . lb.	1877	M	1.00				mh	0.85	
	1887	H	0.90				M	0.30	
		mh	0.75				ml	0.25	
		M	0.60				L	0.20	
		ml	0.50						

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FOOD PRODUCTS</b> — Con.					<b>FOOD PRODUCTS</b> — Con.				
<b>Vinegar — Con.</b>					<b>Vinegar — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Maine, . . . gal.		1858	M	\$0.20	New Jersey, . . gal.	1886	L		\$0.12
		1868	M	0.50	Pennsylvania, . . gal.	1879	H		0.32
		1878	H	0.40			L		0.20
			L	0.35	Wisconsin, . . . gal.	1880	M		0.15
		1887	M	0.25			1881	M	0.15
		1888	M	0.25			1882	M	0.15
Massachusetts, . gal.		1830	M	0.20			1883	M	0.15
		1832	M	0.16			1884	M	0.15
		1834	M	0.20					
		1835	M	0.23					
		1837	M	0.20	<i>Foreign Countries.</i>				
		1838	H	0.20	Brazil, . . . gal.	1882	M		0.25
			L	0.15	England, . . . gal.	1883	H		0.32
		1839	H	0.20			M		0.24
			L	0.17			L		0.18
		1840	M	0.20	France, . . . gal.	1882	H		0.50
		1841	H	0.20			L		0.40
			L	0.18			1889	H	0.44
		1842	M	0.19			L		0.36
		1843	M	0.17	Germany, . . . gal.	1878	M		0.20
		1844	H	0.18			1883	M	0.09½
			L	0.12			1886	M	0.12
		1845	H	0.17	Italy, . . . gal.	1878	H		0.64
			L	0.13			L		0.48
		1846	H	0.17			1884	M	0.31½
			L	0.12			1889	M	0.48
		1847	M	0.19					
		1848	M	0.18	<b>FRUITS.</b>				
		1849	H	0.18	<b>Apples.</b>				
			L	0.16	<i>United States.</i>				
		1850	H	0.18	Maine, . . . bu.	1858	H		0.60
			L	0.12			L		0.50
		1851	H	0.18			1868	H	1.25
			L	0.13			L		0.75
		1852	H	0.18			1878	H	1.00
			L	0.13			L		0.50
		1854	M	0.20			1887	H	1.40
		1855	M	0.15			M		1.20
		1856	M	0.16			ml		1.00
		1857	H	0.16			L		0.80
			L	0.11			1888	H	0.80
		1858	H	0.20			L		0.40
			L	0.16			1889	M	0.80
		1859	H	0.24			1890	H	0.80
			L	0.15			M		0.60
		1860	M	0.20	Massachusetts, . bu.		L		0.45
		1880	H	0.35			1831	M	0.25
			mh	0.30			1832	M	1.00
			M	0.25			1833	H	1.16
			L	0.20			L		0.80
		1885	H	0.30			1834	H	0.75
			M	0.25			L		0.50
			L	0.20			1837	H	1.58
		1891	H	0.35			L		1.44
			mh	0.30			1838	H	1.44
			M	0.25			M		0.80
			ml	0.20			L		0.58
			L	0.15			1839	M	0.99
Minnesota, . . gal.		1890	H	0.50			1840	M	0.41
			mh	0.40			1841	H	1.04
			M	0.30			M		0.72
			L	0.20			L		0.60
Missouri, . . . gal.		1889	H	0.40			1842	H	0.60
			M	0.30			L		0.40
			L	0.25			1843	H	1.40
New Jersey, . . gal.		1886	H	0.36			M		0.92
			mh	0.30			ml		0.82
			M	0.24					
			ml	0.18					

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
FRUITS — Con.					FRUITS — Con.				
Apples — Con.					Cranberries.				
United States—Con.					United States.				
Massachusetts, .	bu.	1843	L	\$0.70	Maine, . . .	qt.	1858	H	\$0.08
		1844	H	0.56				L	0.05
			L	0.40			1868	H	0.20
		1845	H	0.91				L	0.18
			L	0.69			1878	H	0.10
		1846	H	1.33				L	0.08
			M	0.90			1887	H	0.12
			ml	0.80				L	0.10
			L	0.62			1888	H	0.14
		1847	H	1.33				L	0.12
			M	1.00	Massachusetts, .	qt.	1832	H	0.09
			ml	0.85				L	0.05
			L	0.64			1834	M	0.07
		1848	H	1.46			1837	M	0.03
			M	1.00			1838	M	0.06
			ml	0.74			1839	M	0.06
			L	0.50			1841	M	0.04
		1849	H	0.79			1843	M	0.06 $\frac{1}{2}$
			M	0.68			1845	M	0.12 $\frac{1}{2}$
			L	0.40			1846	M	0.05
		1850	H	1.65			1847	M	0.06 $\frac{1}{2}$
			M	1.00			1848	M	0.11
			ml	0.87			1891	M	0.15
			L	0.70	Minnesota, . .	qt.	1890	M	0.10
		1851	H	0.88	Missouri, . . .	qt.	1889	M	0.12 $\frac{1}{2}$
			M	0.80					
			L	0.70	Foreign Countries.				
		1852	M	0.90	England, . . .	qt.	1883	H	0.28
		1853	M	0.90				L	0.16
		1854	H	1.34					
			L	1.00					
		1855	H	0.90	Lemons.				
			L	0.60	United States.				
		1857	H	1.24	Connecticut, . .	doz.	1860	M	0.28
			M	0.98			1887	M	0.30
			L	0.70			1880	H	0.16
		1858	M	0.88				L	0.12
		1859	M	0.80	Massachusetts, .	doz.		L	0.36
		1860	H	0.99			1831	M	0.36
			L	0.45			1833	H	0.20
		1880	H	2.40				L	0.12
			mh	2.00			1834	H	0.37
			M	1.50				L	0.12
			ml	1.00			1835	M	0.25
			L	0.50			1837	M	0.22
		1885	H	1.80			1838	H	0.33
			mh	1.50				L	0.23
			M	1.20			1839	H	0.36
			ml	0.85				L	0.23
			L	0.50			1840	H	0.30
		1891	H	1.28				L	0.22
			mh	1.04			1841	M	0.24
			M	0.84			1842	M	0.12
			ml	0.64			1843	H	0.32
			L	0.40				L	0.22
Minnesota, . . .	bu.	1890	H	1.90			1844	H	0.24
			M	1.80				L	0.17
			ml	1.70			1845	H	0.34
			L	1.60				L	0.21
Missouri, . . .	bu.	1889	H	0.50			1846	H	0.24
			M	0.40				L	0.18
			L	0.25			1847	H	0.34
								L	0.22
Foreign Countries.							1848	H	0.33
Canada, . . .	bu.	1882	H	2.00				L	0.23
			L	1.20			1849	H	0.28
Germany, . . .	bu.	1878	M	1.90				L	0.23
		1886	M	0.80			1850	M	0.21
Saxony, . . .	bu.	1878	M	1.90			1851	M	0.22
							1852	M	0.20



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
FRUITS — Con.					FUEL — Con.				
Lemons — Con.					Coal (ANTHRA- CITE) — Con.				
United States—Con.					United States—Con.				
Massachusetts, . . .	doz.	1855	H	\$0.36	Illinois, . . .	ton	1874	M	\$9.00
			L	0.24			1875	M	9.00
		1856	M	0.22			1876	M	9.00
		1857	H	0.36			1877	H	8.50
			L	0.23				L	6.00
		1858	H	0.36			1878	H	8.00
			L	0.24				L	6.00
		1859	H	0.36			1879	M	7.00
			L	0.23			1880	H	8.00
		1880	H	0.30				L	5.00
			M	0.25			1884	M	6.75
			ml	0.23	Indiana, . . .	ton	1871	M	4.25
			L	0.20			1872	M	5.50
		1885	H	0.30			1873	M	5.00
			mh	0.25			1874	M	4.25
			M	0.22			1875	M	5.00
			ml	0.18			1876	M	5.50
			L	0.15			1877	M	4.75
		1891	H	0.35			1878	M	5.50
			mh	0.30			1879	M	5.00
			M	0.22	Iowa, . . .	ton	1873	M	14.00
			ml	0.15			1874	M	13.00
			L	0.10			1875	M	12.00
Missouri, . . .	doz.	1889	M	0.40			1876	M	11.00
							1877	M	9.00
Foreign Countries.							1878	M	9.00
Ecuador, . . .	doz.	1885	M	0.04			1879	M	7.50
							1880	M	9.00
							1885	M	9.50
							1887	H	14.50
FUEL.								mh	12.50
Coal (ANTHRA- CITE).								M	10.00
United States.								ml	7.76
California, . . .	ton	1884	H	16.00				L	5.50
			L	8.00	Kansas, . . .	ton	1888	M	9.75
		1885	H	20.00			1871	M	12.00
			mh	15.00			1872	M	12.00
			M	13.00			1873	M	12.00
			ml	9.00			1874	M	12.00
			L	6.00			1875	M	12.00
		1888	M	19.00			1876	M	12.00
Connecticut, . . .	ton	1860	M	6.50			1877	M	11.00
		1872	H	10.00			1878	M	11.00
			L	8.00			1879	M	11.00
		1873	M	9.00			1880	M	11.00
		1874	H	12.50			1886	M	12.00
			mh	10.50	Kentucky, . . .	ton	1888	M	11.37½
			M	9.00			1873	M	10.25
			ml	7.25			1874	M	10.25
			L	5.50			1875	M	10.25
		1875	H	11.00			1876	M	10.25
			mh	10.50			1877	M	8.75
			M	9.50			1880	M	7.25
			ml	8.75	Maine, . . .	ton	1858	M	6.00
			L	8.00			1868	M	7.25
		1876	M	7.75			1878	M	5.75
		1877	M	6.75			1887	M	6.50
		1878	M	7.25			1888	M	6.50
		1879	M	5.75			1889	H	7.50
		1880	M	7.25				M	7.00
		1887	M	6.00				L	6.50
		1873	M	9.00	Maryland, . . .	ton	1882	H	7.25
		1874	M	9.00				L	6.00
		1878	M	7.00			1885	H	7.50
		1879	M	7.00				M	5.50
		1880	M	7.50				L	2.50
Florida, . . .	ton				Massachusetts, . . .	ton	1831	M	8.50
							1832	M	9.50
							1833	M	7.00

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FUEL — Con.					FUEL — Con.				
Coal (ANTHRA- CITE) — Con.					Coal (ANTHRA- CITE) — Con.				
United States—Con.					United States—Con.				
Massachusetts, . ton		1835	M	\$7.50	Massachusetts, . ton		1871	H	\$10.00
		1836	M	9.00				mh	9.08
		1837	M	9.13				M	8.42
		1839	M	8.50				L	7.00
		1851	H	7.00			1872	H	10.00
			M	6.33				M	8.50
			L	5.50				ml	8.00
		1852	H	7.00				L	7.00
			M	6.00			1873	H	10.00
			L	5.00				M	9.17
		1853	H	9.00				ml	8.54
			M	6.50				L	8.00
			ml	6.25			1874	H	9.00
			L	6.00				M	8.50
		1854	H	9.50				L	7.50
			L	8.37			1875	H	9.00
		1855	H	9.00				M	8.23
			mh	8.60				ml	7.62
			M	7.66				L	7.00
			L	6.50			1876	H	8.25
		1856	H	9.00				M	7.15
			M	7.33				ml	6.46
			L	6.50				L	5.50
		1857	H	8.50			1877	H	7.00
			M	7.32				M	6.20
			L	7.00				L	4.50
		1858	H	7.00			1878	M	6.45
			M	6.37			1879	H	6.50
			L	5.50				M	5.33
		1859	H	6.50				ml	4.77
			M	5.40				L	4.25
			L	5.00			1880	H	7.50
		1860	H	6.50				mh	7.00
			M	5.75				M	6.50
			L	5.50				ml	6.00
		1861	H	6.95				L	5.50
			M	6.50			1885	H	7.50
			L	5.25				mh	6.75
		1862	H	9.00				M	6.25
			M	6.75				ml	5.50
			L	5.00				L	5.00
		1863	H	12.00			1888	M	5.75
			M	9.93			1891	H	8.25
			L	9.00				mh	7.50
		1864	H	15.00				M	6.65
			M	12.67				ml	5.75
			L	11.00				L	5.00
		1865	H	17.00	Michigan, . . ton		1825	H	11.00
			M	13.17				L	8.00
			L	9.00			1826	H	12.00
		1866	H	15.00				L	11.00
			M	11.06			1827	H	12.50
			L	9.50				L	10.50
		1867	H	10.00			1828	H	12.00
			M	9.40				L	10.00
			L	7.50			1829	H	12.00
		1868	H	12.00				L	10.00
			M	9.08			1830	H	12.00
			ml	8.25				L	7.00
			L	6.00			1831	H	9.00
		1869	H	11.00				L	6.00
			mh	10.00			1832	H	16.00
			M	9.50				L	8.50
			L	7.50			1833	H	10.00
		1870	H	11.00				L	5.50
			M	8.50			1834	H	6.50
			ml	7.75				L	5.50
			L	6.50			1835	H	9.00

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
FUEL — Con.					FUEL — Con.				
Coal (ANTHRA- CITE) — Con.					Coal (ANTHRA- CITE) — Con.				
United States—Con.					United States—Con.				
Michigan, . . . ton		1835	L	\$5.50	Michigan, . . . ton		1870	H	\$8.50
		1836	H	11.00				L	4.50
			L	7.00			1871	H	13.00
		1837	H	11.00				L	5.00
			L	8.50			1872	H	6.25
		1838	H	9.50				L	3.75
			L	7.00			1873	H	6.50
		1839	H	9.00				L	5.00
			L	6.50			1874	H	5.55
		1840	H	8.50				L	4.55
			L	6.00			1875	H	5.50
		1841	H	9.00				L	4.40
			L	6.50			1876	H	5.55
		1842	H	9.00				L	3.75
			L	5.00			1877	H	3.75
		1843	H	6.00				L	3.25
			L	4.50			1878	H	4.50
		1844	H	6.00				L	2.75
			L	4.25			1879	H	3.25
		1845	H	6.00				L	2.15
			L	4.50			1880	H	4.45
		1846	H	7.00				L	3.50
			L	5.00			1881	H	4.65
		1847	H	7.00				L	4.00
			L	5.00			1882	H	4.75
		1848	H	6.00				L	4.40
			L	4.50			1885	H	10.00
		1849	H	6.00				mh	9.00
			L	5.00				M	8.00
		1850	H	7.00				ml	7.00
			L	5.00				L	5.98
		1851	H	7.00			1888	H	11.00
			L	4.50				L	7.00
		1852	H	7.00	Minnesota, . . . ton		1888	M	8.50
			L	5.00			1890	H	7.50
		1853	H	7.00				mh	6.75
			L	5.00				M	6.00
		1854	H	7.50				ml	5.00
			L	6.00				L	4.50
		1855	H	7.50	New Jersey, . . . ton		1867	M	7.90
			L	5.50			1869	M	8.84
		1856	H	6.50			1874	M	6.92
			L	5.50			1882	H	7.50
		1857	H	7.00				mh	6.75
			L	6.00				M	6.00
		1858	H	6.00				ml	5.50
			L	5.00				L	5.00
		1859	M	5.50			1886	H	6.00
		1860	H	6.00				mh	5.50
			L	5.50				M	5.25
		1861	H	6.00				ml	4.75
			L	4.20				L	4.28
		1862	H	8.50	New York, . . . ton		1851	M	4.00
			L	4.28			1852	M	4.00
		1863	H	11.00			1853	M	4.00
			L	7.00			1854	M	4.00
		1864	H	15.00			1855	M	4.00
			L	9.00			1856	M	4.00
		1865	H	13.50			1857	M	4.00
			L	8.50			1858	M	4.00
		1866	H	13.00			1859	M	4.00
			L	8.50			1860	M	4.00
		1867	H	8.50			1867	M	7.85
			L	6.50			1869	M	8.10
		1868	H	11.50			1871	M	7.50
			L	6.50			1872	M	6.50
		1869	H	10.50			1873	M	7.20
			L	6.50			1874	M	7.00

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FUEL — Con.					FUEL — Con.				
Coal (ANTHRA- CITE) — Con.					Coal (ANTHRA- CITE) — Con.				
United States—Con.					United States—Con.				
New York, . . . . .	ton	1875	M	\$6.70	Ohio, . . . . .	ton	1880	L	\$4.00
		1876	M	6.70			1887	H	8.75
		1877	M	4.70				mh	7.50
		1878	M	4.75				M	6.25
		1879	M	3.75				ml	4.50
		1880	M	5.00				L	3.75
		1882	H	6.00			1861	H	5.00
			mh	5.75	Pennsylvania, . . . . .	ton		M	3.41
			M	5.45				L	2.50
			ml	5.00			1862	H	5.00
			L	4.60				M	4.18
		1884	M	5.25				L	2.50
Ohio, . . . . .	ton	1851	M	3.00			1863	H	6.34
		1852	M	3.00				L	4.50
		1853	M	3.00			1864	H	9.46
		1854	M	3.00				M	6.50
		1855	M	3.00				L	5.50
		1856	M	3.00			1865	H	9.57
		1857	M	3.00				L	6.50
		1858	M	3.00			1866	H	8.00
		1859	M	3.00				M	7.45
		1860	M	3.00				L	6.50
		1861	M	3.00			1867	H	8.00
		1862	M	4.00				M	6.09
		1863	M	5.00				L	5.50
		1864	M	5.00			1868	H	8.00
		1865	M	5.00				M	6.30
		1866	M	5.00				L	5.50
		1867	M	5.00			1869	H	7.50
		1868	M	5.00				L	4.00
		1869	M	5.00			1870	H	8.25
		1870	M	5.00				mh	7.50
		1871	H	7.00				M	6.82
			M	6.50				L	3.50
			L	5.00			1871	H	8.00
		1872	H	7.00				mh	7.75
			M	6.50				M	6.62½
			L	5.00				L	3.50
		1873	H	7.00			1872	H	7.00
			M	6.00				M	6.50
			L	5.00				L	3.50
		1874	H	9.86			1873	H	7.25
			M	7.50				mh	6.75
			ml	6.00				M	6.25
			L	4.50				L	4.00
		1875	H	9.75			1874	H	7.50
			M	7.50				M	6.50
			ml	6.00				L	4.50
			L	4.50			1875	H	7.50
		1876	H	8.33				M	6.37½
			M	7.50				L	5.00
			ml	6.00			1876	H	7.50
			L	4.50				M	5.41
		1877	H	7.58				L	4.25
			mh	7.00			1877	H	6.00
			M	6.00				M	5.00
			L	4.00				L	4.00
		1878	H	6.67			1878	H	6.00
			M	6.00				M	4.88
			L	4.75				L	3.75
		1879	H	6.68			1879	H	5.25
			mh	5.75				M	4.73
			M	5.25				L	3.60
			L	4.00			1880	H	6.25
		1880	H	8.00				mh	5.75
			mh	7.00				M	5.35
			M	6.50				L	4.25
			ml	5.75			1888	M	6.00

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FUEL — Con.</b>					<b>FUEL — Con.</b>				
<b>Coal (ANTHRA- CITE) — Con.</b>					<b>Coal (BITUMI- NOUS).</b>				
<i>United States—Con.</i>					<i>United States.</i>				
Rhode Island, . . . ton	1888	M	\$6.60		Colorado, . . . ton	1888	H	\$10.50	
West Virginia, . . . ton	1871	M	2.00				mh	8.50	
	1872	M	2.70				M	6.50	
	1873	M	2.80				ml	4.50	
	1874	M	2.80				L	2.75	
	1875	M	2.80		Connecticut, . . . ton	1888	M	5.62½	
	1876	M	2.80			1877	M	10.00	
	1877	M	2.80		Florida, . . . . . ton	1878	M	8.00	
	1878	M	2.80			1879	M	8.00	
	1879	M	2.80			1880	M	8.00	
	1880	M	2.80		Illinois, . . . . . ton	1852	M	1.82	
Wisconsin, . . . . . ton	1880	M	6.75			1853	M	1.82	
	1881	M	7.50			1854	M	2.08	
	1882	M	7.00			1855	M	1.82	
	1883	M	7.00			1856	H	2.60	
	1884	M	6.50				L	2.08	
	1888	M	7.50			1857	H	3.12	
							L	2.08	
<i>Foreign Countries.</i>						1858	H	3.12	
Australia, . . . . . ton	1878	H	6.04				L	2.08	
		L	5.08			1859	M	3.12	
	1881	H	9.73			1860	H	3.12	
		L	6.81				L	1.82	
Canada, . . . . . ton	1882	H	7.00			1861	M	2.50	
		M	6.75			1862	M	3.00	
		L	5.50			1863	M	3.25	
	1887	H	7.00			1864	M	3.25	
		L	5.50			1865	M	3.25	
France, . . . . . ton	1867	M	7.40			1866	M	3.25	
	1868	M	6.80			1867	M	3.25	
	1869	M	7.20			1868	M	3.25	
	1870	M	7.20			1869	H	6.25	
	1871	M	8.00				L	3.25	
	1872	M	7.90			1870	H	6.25	
	1873	M	8.50				L	3.25	
	1874	M	8.50			1871	H	6.00	
	1875	M	8.20				M	3.25	
	1876	M	8.40				L	2.60	
	1877	M	8.30			1872	H	3.25	
	1878	M	8.40				L	2.60	
	1879	M	7.60			1873	H	4.50	
	1880	M	7.80				L	3.25	
	1881	M	7.80			1874	H	4.00	
	1882	M	7.90				L	3.00	
	1883	M	8.00			1875	H	3.50	
	1884	M	8.00				L	3.00	
	1885	M	8.00			1876	H	3.00	
	1886	M	7.50				L	2.60	
	1891	M	8.00			1877	M	3.00	
Italy, . . . . . ton	1878	M	11.00			1878	H	3.00	
	1879	M	11.00				L	1.82	
	1884	M	11.00			1879	H	3.00	
	1885	H	15.00				M	2.50	
		M	8.00				L	2.08	
		ml	6.00			1880	H	3.00	
		L	5.00				L	2.34	
New Zealand, . . . ton	1889	M	8.38			1884	H	5.50	
Spain, . . . . . ton	1878	H	9.00				mh	4.50	
		M	5.00				M	3.25	
		L	4.00				ml	2.25	
	1879	M	9.00				L	1.25	
	1884	M	9.00		Indiana, . . . . . ton	1888	M	2.25	
United States of						1851	M	3.50	
Colombia, . . . . . ton	1883	M	12.50			1852	M	3.50	
West Indies, . . . . . ton	1881	H	8.50			1853	M	3.50	
		L	7.00			1854	M	3.50	
						1855	M	3.50	
						1856	M	3.50	



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>FUEL — Con.</b>					<b>FUEL — Con.</b>				
<b>Coal (BITUMI- NOUS) — Con.</b>					<b>Coal (BITUMI- NOUS) — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Indiana, . . . . ton		1857	M	\$3.50	Kentucky, . . . . ton		1857	M	\$3.53
		1858	M	3.50			1858	M	3.53
		1859	M	3.50			1859	M	3.53
		1860	M	3.50			1863	H	7.89
		1861	M	3.25				L	6.50
		1862	M	4.00			1864	H	8.68
		1863	M	4.00				L	7.80
		1864	M	4.50			1865	H	7.89
		1865	H	8.00				L	7.23
			L	4.00			1866	M	6.32
		1866	M	3.75			1867	H	7.37
		1867	M	3.50				L	5.20
		1868	M	3.50			1868	H	5.20
		1869	M	3.50				L	4.61
		1870	M	3.50			1869	M	4.61
		1871	M	3.50			1870	M	4.42
		1872	M	3.50			1871	H	5.26
		1873	M	3.50				L	4.16
		1874	M	3.50			1872	M	5.62
		1875	H	3.50			1873	M	5.00
			L	1.37½			1874	M	3.82
		1876	H	3.50			1875	M	3.42
			L	1.37½			1876	M	2.89
		1877	H	3.50			1877	M	3.05
			L	1.37½			1878	M	2.86
		1878	H	3.50			1879	H	3.42
			L	1.37½				L	2.86
		1879	H	3.25			1880	M	3.03
			L	1.37½	Massachusetts, . . . . ton		1859	H	6.50
		1880	H	3.50				M	4.78
			L	1.37½				L	4.25
		1888	M	3.50			1867	H	9.00
Iowa, . . . . ton		1873	M	5.50				M	8.00
		1874	M	5.50				L	7.50
		1875	M	5.50			1868	H	9.00
		1876	M	5.50				M	7.94
		1877	M	5.50				L	7.50
		1878	M	5.00			1869	H	9.00
		1879	M	5.00				M	8.32
		1880	M	5.00				L	7.50
		1885	H	3.00			1870	H	7.25
			L	1.50				M	6.62
		1887	H	7.00				L	6.25
			mh	5.62			1871	H	7.50
			M	4.36				M	6.75
			ml	3.12½				L	6.20
			L	1.78			1872	H	8.50
		1888	M	2.40				M	7.00
Kansas, . . . . ton		1871	M	3.75				L	6.25
		1872	M	3.75			1873	H	8.25
		1873	M	3.75				L	7.65
		1874	M	3.75			1874	H	8.00
		1875	H	5.00				M	7.00
			L	3.75				L	6.40
		1876	M	3.75			1875	H	8.00
		1877	M	3.75				mh	7.17
		1878	M	3.50				M	6.03
		1879	M	3.50				L	5.15
		1880	H	4.25			1876	H	6.75
			L	3.50				M	5.75
		1882	M	4.50				L	5.00
		1884	M	4.50			1877	H	7.00
		1886	H	5.00				M	5.44
			M	3.75				L	4.75
			L	2.50			1880	H	8.00
		1888	H	6.00				mh	7.00
			M	4.00				M	6.50
			ml	3.05				ml	6.00
			L	2.15				L	5.00

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FUEL—Con.					FUEL—Con.				
Coal (BITUMI- NOUS)—Con.					Coal (BITUMI- NOUS)—Con.				
United States—Con.					United States—Con.				
Massachusetts, . . . ton	1885	H	\$7.00		Ohio, . . . ton	1870	L	\$2.80	
		mh	6.50			1871	H	6.25	
		M	5.50				M	3.75	
		ml	5.00				L	1.56	
	1891	L	4.25			1872	H	5.85	
		H	7.00				M	3.75	
		mh	6.25				L	1.56	
		M	5.50			1873	H	4.45	
		ml	4.75				mh	3.50	
		L	4.00				M	3.00	
Michigan, . . . ton	1885	H	7.50				L	1.50	
		mh	6.08			1874	H	3.90	
		M	5.50				mh	3.50	
		ml	4.25				M	2.75	
		L	3.00				L	1.50	
	1888	M	4.20			1875	H	3.50	
Minnesota, . . . ton	1888	M	5.62 $\frac{1}{2}$				mh	3.00	
Missouri, . . . ton	1878	H	3.00				M	2.50	
		L	2.00				L	1.69	
Nebraska, . . . ton	1888	M	6.50			1876	H	3.75	
New York, . . . ton	1871	M	7.50				M	3.00	
	1872	M	7.50				ml	2.50	
	1873	M	7.50				L	1.75	
	1874	M	7.25			1877	H	3.25	
	1875	M	6.50				mh	3.00	
	1876	M	5.50				M	2.50	
	1877	M	6.00				L	1.75	
	1878	M	5.50			1878	H	4.00	
	1879	M	5.00				mh	3.25	
	1880	M	6.00				M	3.00	
Ohio, . . . ton	1851	H	3.12				ml	2.25	
		L	1.50				L	1.50	
	1852	M	1.75			1879	H	3.75	
	1853	M	1.75				M	2.75	
	1854	M	2.00				ml	2.00	
	1855	H	2.00				L	1.30	
		L	1.50			1880	H	4.25	
	1856	H	4.00				mh	3.10	
		M	2.00				M	2.75	
		L	1.50				ml	2.00	
	1857	M	2.00				L	1.43	
	1858	H	2.00			1887	H	4.00	
		L	1.50				mh	3.40	
	1859	H	1.75				M	2.75	
		L	1.25				ml	2.00	
	1860	H	3.50				L	1.37 $\frac{1}{2}$	
		M	2.00			1888	H	7.50	
		L	1.50				L	3.50	
	1861	H	3.50		Pennsylvania, . . . ton	1876	M	3.00	
		L	1.50			1877	M	3.00	
	1862	H	3.50			1878	M	3.00	
		M	2.00			1879	M	2.80	
		L	1.50			1880	M	2.80	
	1863	H	3.50			1882	H	6.00	
		L	3.00				mh	4.50	
	1864	H	3.50				M	3.50	
		L	3.00				ml	2.50	
	1865	H	3.50				L	1.25	
		M	3.00			1884	H	5.75	
		L	1.68				mh	4.50	
	1866	H	3.50				M	3.50	
		L	3.00				ml	2.31	
	1867	H	3.50				L	1.15	
		L	3.00			1885	H	6.00	
	1868	H	3.50				mh	4.75	
		L	2.80				M	2.40	
	1869	H	3.50				ml	2.00	
		L	3.00				L	0.67 $\frac{1}{2}$	
	1870	H	3.50		Rhode Island, . . . ton	1888	M	4.62 $\frac{1}{2}$	

## GRADED PRICES—Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>FUEL—Con.</b>					<b>FUEL—Con.</b>				
<b>Coal (BITUMI- NOUS)—Con.</b>					<b>Coal (BITUMI- NOUS)—Con.</b>				
<i>United States—Con.</i>					<i>Foreign Countries</i>				
West Virginia, . . . ton		1851	M	\$1.40	Belgium, . . . . . ton		1854	M	\$2.17
		1852	M	1.40			1855	M	2.46
		1853	M	1.40			1856	M	2.57
		1854	M	1.40			1857	M	2.39
		1855	M	1.40			1858	M	2.32
		1856	M	1.40			1859	M	2.27
		1857	M	1.40			1860	M	2.23
		1858	M	1.40			1861	M	2.19
		1859	M	1.40			1862	M	2.10
		1860	M	1.40			1863	M	2.03
		1861	M	2.40			1864	M	1.98
		1862	M	2.50			1865	M	2.09
		1863	M	3.00			1866	M	2.36
		1864	M	3.00			1867	M	2.48
		1865	M	2.75			1868	M	2.18
		1866	M	2.75			1869	M	2.10
		1867	M	2.50			1870	M	2.17
		1868	M	2.00			1871	M	2.24
		1869	M	2.00			1872	M	2.66
		1870	M	1.75			1873	M	4.38
		1871	M	1.75			1874	M	3.28
		1872	M	1.75			1875	M	3.06
		1873	M	2.00			1876	M	2.71
		1874	M	2.00			1877	M	2.20
		1875	M	2.00			1878	M	1.98
		1876	M	2.00			1879	M	1.88
		1877	M	1.75			1880	M	2.01
		1878	M	1.75			1881	M	1.94
		1879	M	1.75			1882	M	2.00
		1880	M	1.75			1883	M	2.00
Wisconsin, . . . . . ton		1880	H	6.50	England, . . . . . ton		1873	H	5.28
			L	4.75				M	4.80
		1881	H	7.21				L	4.36
			L	5.00			1878	H	4.50
		1882	H	6.83½				mh	4.08
			L	5.33½				M	3.60
		1883	H	6.75				ml	2.88
			L	4.75				L	2.30
		1884	H	6.12½			1879	H	4.10
			L	4.50				L	3.20
		1885	M	3.50			1882	H	3.50
<i>Foreign Countries.</i>								L	2.00
Austria, . . . . . ton		1878	H	4.90			1883	H	3.60
			L	3.60				L	2.40
Belgium, . . . . . ton		1831	M	1.74			1884	H	4.10
		1832	M	1.71				L	3.20
		1833	M	1.71			1885	H	4.00
		1834	M	1.72				L	2.55
		1835	M	1.85	Germany, . . . . . ton		1878	H	7.00
		1836	M	2.49				M	4.25
		1837	M	2.62				L	3.10
		1838	M	2.63			1879	M	4.25
		1839	M	2.59			1882	H	4.00
		1840	M	2.36				mh	3.40
		1841	M	2.11				M	2.80
		1842	M	1.84				ml	2.20
		1843	M	1.82				L	1.20
		1844	M	1.79			1884	M	4.25
		1845	M	1.92			1885	H	5.00
		1846	M	1.87				L	3.50
		1847	M	1.85			1886	M	4.30
		1848	M	1.69			1887	M	4.10
		1849	M	1.50	Hesse, . . . . . ton		1887	M	4.10
		1850	M	1.60			1888	M	4.15
		1851	M	1.60	Saxony, . . . . . ton		1878	M	3.15
		1852	M	1.56	Scotland, . . . . . ton		1878	H	2.91
		1853	M	1.73				M	2.65

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>FUEL — Con.</b>					<b>FUEL — Con.</b>				
<b>Coal (BITUMI- NOUS) — Con.</b>					<b>Wood — Con.</b>				
<i>Foreign Countries</i>					<i>United States—Con.</i>				
<i>Scotland, . . .</i>	ton	1878	L	\$2.40	<i>Connecticut, . . .</i>	cord	1874	ml	\$4.00
		1879	M	2.65				L	2.00
		1884	M	2.65			1875	H	10.00
								mh	8.00
								M	6.50
								ml	4.50
								L	2.50
<b>Wood.</b>							1876	H	5.75
<i>United States.</i>								M	4.50
<i>California, . . .</i>	cord	1884	H	10.00				L	3.50
			L	9.50			1877	H	4.75
		1885	H	9.00				M	4.50
			mh	7.00				L	3.50
			M	5.00			1878	H	4.50
			ml	3.00				L	3.25
<i>Connecticut, . . .</i>	cord	1851	L	1.00			1879	H	4.50
			H	3.50				L	3.25
			L	2.50			1880	H	5.00
		1852	H	3.50				M	4.25
			L	2.50				L	3.25
		1853	H	3.00			1866	M	5.00
			L	2.50			1867	M	5.00
		1854	H	4.00	<i>Florida, . . .</i>	cord	1868	M	4.00
			L	3.50			1869	M	4.00
		1855	H	4.00			1878	M	3.50
			L	3.50			1879	M	3.50
		1856	H	4.00			1880	M	3.50
			L	3.50			1856	M	4.00
		1857	H	4.00	<i>Illinois, . . .</i>	cord	1857	M	4.50
			L	3.50			1858	M	4.30
		1858	H	4.00			1859	M	4.50
			L	3.50			1860	M	4.50
		1859	H	4.00			1861	H	4.00
			L	3.50				L	1.00
		1860	H	4.00			1862	H	6.00
			mh	3.75				L	1.50
			M	3.50			1863	H	6.50
			L	3.00				L	2.00
		1861	H	4.00			1864	H	6.50
			L	3.50				L	2.00
		1862	H	4.00			1865	H	6.00
			L	3.50				L	1.50
		1863	H	4.00			1866	H	6.00
			L	3.50				L	1.50
		1864	H	4.75			1867	H	6.00
			L	4.00				M	4.50
		1865	H	5.50				L	1.50
			L	5.00			1868	H	6.00
		1866	H	5.00				M	4.50
			L	4.50				L	1.50
		1867	H	5.25			1869	H	6.00
			L	4.25				mh	5.00
		1868	H	5.25				M	3.00
			L	4.25				L	1.50
		1869	H	5.50				L	6.00
			L	4.25			1870	H	6.00
		1870	H	5.50				L	1.50
			L	5.00			1871	H	5.00
		1871	H	5.00				L	1.00
			M	4.50			1872	H	5.00
			L	4.00				L	1.00
		1872	H	8.00			1873	H	5.00
			M	5.50				L	1.00
			L	4.25			1874	H	6.00
		1873	H	6.00				M	4.00
			mh	5.50				L	1.00
			M	5.00			1875	H	5.00
			L	4.25				L	1.00
		1874	H	10.00			1876	H	5.00
			mh	8.00				M	4.00
			M	6.00					

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FUEL — Con.					FUEL — Con.				
Wood — Con.					Wood — Con.				
United States—Con.					United States—Con.				
Illinois, . . . .	cord	1876	L	\$1.00	Iowa, . . . .	cord	1876	M	\$6.00
		1877	H	5.00			1877	M	5.00
			M	3.75			1878	M	5.00
			L	1.00			1879	M	5.00
		1878	H	5.00			1880	M	6.00
			M	3.75			1885	H	7.00
			L	1.00				mh	6.25
		1879	H	5.00				M	5.00
			M	3.50				ml	3.50
			L	1.00			1887	L	3.00
		1880	H	5.00				H	8.00
			M	3.50				mh	6.00
			L	1.00				M	4.58
		1884	H	8.00				ml	2.75
			mh	6.00				L	1.00
			M	5.00			1871	M	7.00
			ml	3.50			1872	M	7.00
			L	2.00			1873	H	14.00
Indiana, . . . .	cord	1851	M	3.50				L	7.00
		1852	M	3.50			1874	M	7.00
		1853	M	3.50			1875	M	7.00
		1854	M	3.50			1876	M	7.00
		1855	M	3.50			1877	M	7.00
		1856	M	4.00			1878	M	6.50
		1857	M	4.00			1879	M	6.50
		1858	M	4.00			1880	M	6.50
		1859	M	4.00			1886	H	6.00
		1860	M	4.00				mh	5.00
		1861	H	4.00				M	4.00
			L	3.00				ml	2.00
		1862	M	5.50				L	1.50
		1863	M	6.00			1888	H	6.50
		1864	M	6.00				mh	5.75
		1865	M	5.50				M	5.00
		1866	M	5.00				L	2.50
		1867	M	5.00			1858	M	5.00
		1868	M	5.00			1866	M	8.00
		1869	M	5.00			1868	M	7.50
		1870	M	5.00			1876	M	6.00
		1871	H	5.00			1878	M	6.00
			L	4.00			1886	M	6.00
		1872	H	4.50			1888	M	6.00
			L	4.00			1889	H	7.00
		1873	H	4.50				mh	6.00
			L	4.00				M	5.00
		1874	M	4.00				ml	4.50
		1875	M	4.00				L	4.00
		1876	M	4.00			1882	M	7.00
		1877	M	4.00			1830	M	3.81
		1878	H	4.00			1831	H	5.00
			L	3.50				L	3.00
		1879	H	4.00			1832	H	8.72
			L	3.50				L	4.48
		1880	H	4.00			1833	H	4.00
			L	3.50				L	3.50
Iowa, . . . .	cord	1861	M	2.50			1834	H	3.74
		1862	M	2.50				L	3.00
		1863	M	3.00			1840	H	6.00
		1864	M	3.00				mh	5.15
		1865	M	5.00				M	4.33
		1866	M	5.00				ml	3.50
		1867	M	5.00				L	2.23
		1868	M	6.00			1841	M	4.88
		1869	M	6.00			1845	M	1.75
		1870	M	6.00			1846	M	2.94
		1871	M	6.00			1847	H	5.00
		1872	M	6.00				M	4.03
		1873	M	6.00				L	2.57
		1874	M	5.50			1848	M	5.00
		1875	M	5.50			1850	H	4.97



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.					Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.					Bas- sis	Year	Grade	Prices
FUEL — Con.									FUEL — Con.								
Wood — Con.									Wood — Con.								
United States—Con.									United States—Con.								
Massachusetts,	cord	1850	L	\$2.51					Massachusetts,	cord	1867	H	\$14.00				
		1851	H	7.50								mh	13.33				
			mh	7.00								M	12.00				
			M	6.00								ml	11.00				
			ml	5.00								L	10.00				
			L	4.09							1868	H	14.00				
		1852	H	8.00								M	13.00				
			mh	7.50								ml	10.00				
			M	6.50								L	9.00				
			ml	5.50							1869	H	14.00				
			L	5.00								mh	13.00				
		1853	H	10.25								M	12.00				
			mh	8.00								ml	11.00				
			M	6.40								L	10.00				
			L	2.56							1870	H	14.00				
		1854	H	10.00								mh	13.00				
			mh	9.00								M	12.00				
			M	8.00								ml	10.66				
			ml	6.87								L	10.00				
			L	6.00							1871	H	14.00				
		1855	H	10.50								M	12.00				
			mh	9.50								ml	11.00				
			M	8.00								L	10.00				
			ml	7.00							1872	H	14.00				
			L	6.09								mh	13.33				
		1856	H	9.00								M	12.00				
			mh	8.00								L	10.00				
			M	7.00							1873	H	14.00				
			ml	6.25								M	12.00				
			L	5.00								ml	11.00				
		1857	H	10.00								L	10.00				
			mh	9.00							1874	H	14.00				
			M	8.50								M	12.00				
			ml	7.00								L	10.00				
			L	5.60							1875	H	14.00				
		1858	H	8.50								M	12.00				
			mh	8.00								L	10.00				
			M	7.00							1876	H	14.00				
			ml	6.00								M	12.00				
			L	5.00								ml	11.33				
		1859	H	7.50								L	10.00				
			mh	7.00							1877	H	11.00				
			M	6.00								mh	10.00				
			L	5.00								M	8.66				
		1860	H	6.50								ml	7.66				
			M	5.58								L	7.00				
			L	4.50							1878	H	9.00				
		1861	H	8.00								L	7.00				
			L	6.00							1879	H	10.00				
		1862	H	12.00								L	8.00				
			M	7.50								H	14.00				
			L	6.75							1880	mh	11.20				
		1863	H	12.00								M	8.48				
			mh	10.66								ml	5.60				
			M	9.00								L	3.00				
			ml	8.33							1885	H	14.00				
			L	7.00								mh	11.20				
		1864	H	14.00								M	8.80				
			mh	12.50								ml	6.00				
			M	12.00								L	3.20				
			ml	11.00							1891	H	9.20				
			L	10.00								mh	8.00				
		1865	H	14.00								M	6.50				
			mh	12.66								ml	5.00				
			M	12.00								L	3.50				
			ml	10.00							Michigan,	cord	1885	H	2.57		
			L	9.00									mh	2.18			
		1866	H	16.00									M	1.75			
			M	14.80									ml	1.37			
			L	12.00									L	0.95			

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FUEL — Con.					FUEL — Con.				
Wood — Con.					Wood — Con.				
United States—Con.					United States—Con.				
Minnesota, . . .	cord	1890	H	\$8.50	New York, . . .	cord	1874	M	\$4.18
			mh	7.00			1877	M	2.00
			M	5.00			1878	M	1.50
			ml	3.25			1879	M	1.50
			L	1.75			1880	M	1.50
Missouri, . . .	cord	1858	M	2.50			1882	H	10.00
		1859	M	2.50				M	6.00
		1860	M	2.50				ml	5.00
		1861	M	3.00				L	3.50
		1862	M	3.00				H	2.50
		1863	M	4.00				M	2.00
		1864	M	4.00				L	1.00
		1865	M	4.00				H	2.50
		1866	M	4.00				M	2.00
		1867	M	3.50				ml	1.50
		1868	M	3.50				L	1.00
		1869	M	3.50				H	2.50
		1870	M	3.50				M	2.00
		1871	M	3.00				ml	1.50
		1872	M	3.00				L	1.00
		1873	M	3.00				H	2.50
		1874	M	3.00				M	1.50
		1875	M	3.00				L	1.00
		1876	M	3.00				H	2.50
		1877	M	2.50				M	2.00
		1878	M	2.50				ml	1.50
		1879	M	2.75				L	1.00
		1880	M	3.00				H	2.50
New Jersey, . . .	cord	1867	M	7.00				M	1.50
		1869	H	6.50				L	1.00
			L	5.40				H	2.50
			M	9.00				M	1.50
			H	8.00				L	1.00
			M	5.00				H	2.75
			ml	4.00				M	1.50
			L	2.75				L	1.00
			H	5.50				H	2.75
			M	5.00				M	1.50
			L	4.00				L	1.00
New York, . . .	cord	1851	H	5.00				H	2.75
			L	1.00				mh	2.25
			H	5.00				M	1.50
			L	1.00				L	1.00
			H	5.00				H	3.00
			L	1.00				M	2.50
			H	5.00				ml	1.50
			L	1.00				L	1.00
			H	5.00				H	2.75
			L	1.12 $\frac{1}{2}$				L	1.75
			H	5.00				H	2.75
			L	1.25				L	1.75
			H	7.00				H	4.00
			L	1.25				M	3.00
			H	7.00				L	2.00
			L	1.25				H	4.00
			H	7.00				M	3.00
			L	1.00				L	2.25
			H	7.00				H	5.00
			L	1.00				M	3.00
			H	7.00				L	2.50
			L	1.12 $\frac{1}{2}$				H	5.00
			H	1.12 $\frac{1}{2}$				L	2.75
			M	1.25				H	5.00
			M	1.50				M	4.00
			M	2.00				ml	3.50
			H	6.20				L	3.00
			L	4.00				H	4.00
			H	6.30				mh	3.50
			L	4.12				M	3.00
			M	2.00				L	2.50
			M	2.00				H	4.00
			H	5.27				M	3.50

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
FUEL — Con.					FUEL — Con.				
Wood — Con.					Wood — Con.				
United States—Con.					United States—Con.				
Ohio, . . . . .	cord	1869	ml	\$2.50	Pennsylvania, . . .	cord	1877	M	\$4.50
			L	2.00			1878	M	4.50
		1870	H	4.00			1879	M	4.00
			M	3.50			1880	M	4.00
			ml	2.50			1882	H	12.00
			L	2.00				M	10.50
		1871	H	7.00				L	2.50
			M	5.00			1885	M	2.00
			ml	4.00	Tennessee, . . .	cord	1881	M	3.50
			L	2.50			1870	M	5.00
		1872	H	7.00			1871	M	4.50
			M	5.00			1874	M	2.25
			ml	3.50			1876	M	2.00
			L	2.25			1877	M	2.00
		1873	H	6.00			1878	M	2.00
			mh	5.00			1879	H	4.00
			M	3.50				L	2.25
			ml	2.50			1880	H	4.00
			L	2.00				L	2.25
		1874	H	5.50	West Virginia, . .	cord	1851	M	1.25
			mh	4.50			1852	M	1.25
			M	3.50			1853	M	1.50
			ml	2.50			1854	M	1.50
			L	2.00			1855	M	1.50
		1875	H	5.50			1856	M	1.50
			mh	4.25			1857	M	1.75
			M	3.25			1858	M	1.75
			L	2.00			1859	M	1.75
		1876	H	5.00			1860	M	1.75
			mh	4.00			1861	M	1.75
			M	3.25			1862	M	2.00
			L	2.00			1863	M	2.50
		1877	H	5.00			1864	M	2.50
			mh	4.00			1865	M	2.50
			M	3.00			1866	M	2.50
			L	2.00			1867	M	2.50
		1878	H	5.00			1868	M	2.50
			mh	4.00			1869	M	2.25
			M	3.00			1870	M	2.25
			L	2.00			1871	M	2.50
		1879	H	6.00			1872	M	2.25
			M	4.00			1873	M	2.25
			ml	3.00			1874	M	2.25
			L	1.75			1875	M	2.25
		1880	H	6.00			1876	M	2.25
			mh	4.00			1877	M	2.25
			M	3.50			1878	M	2.25
			ml	2.50			1879	M	2.25
			L	1.75			1880	M	2.25
Pennsylvania, . .	cord	1861	M	4.00	Wisconsin, . . . .	cord	1880	H	7.00
		1862	M	4.00				M	6.00
		1863	M	5.00				L	4.62½
		1864	M	5.00			1881	H	8.92
		1865	M	6.00				mh	8.00
		1866	M	6.00				M	7.04½
		1867	H	5.00				L	5.21
			L	2.75			1882	H	7.79
		1868	M	5.00				M	6.79
		1869	H	5.50				L	4.75
			M	4.00			1883	H	7.25
			L	2.72				M	6.25
		1870	M	4.50				L	4.75
		1871	M	4.50			1884	H	6.66½
		1872	M	4.50				M	5.60
		1873	M	4.50				L	4.60
		1874	H	5.46	Foreign Countries.				
			L	4.31	Canada, . . . . .	cord	1882	H	6.50
		1875	H	5.00				L	2.00
			L	4.50			1887	H	4.50
		1876	M	5.00				L	3.50

GRADED PRICES — Continued.

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## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
LAUNDRY SUP- PLIES — Con.					LAUNDRY SUP- PLIES — Con.				
Soap — Con.					Soap — Con.				
United States—Con.					United States—Con.				
Illinois, . . . . lb.		1853	L	\$0.06	Indiana, . . . . lb.		1865	M	\$0.15
		1854	M	0.07			1866	M	0.15
		1855	M	0.07			1867	H	0.15
		1856	M	0.05			1867	L	0.13
		1857	H	0.08			1868	H	0.15
			L	0.05			1868	L	0.10
		1858	M	0.05			1869	H	0.15
		1859	M	0.05			1869	L	0.10
		1860	M	0.05			1870	H	0.15
		1861	H	0.05			1870	L	0.10
			L	0.03½			1871	H	0.15
		1862	M	0.04			1871	L	0.13
		1863	H	0.06			1872	H	0.15
			L	0.04½			1872	L	0.10
		1864	H	0.13			1873	H	0.15
			L	0.04½			1873	L	0.10
		1865	H	0.15			1874	H	0.15
			L	0.04½			1874	L	0.10
		1866	M	0.04			1875	H	0.15
		1867	M	0.04			1875	L	0.10
		1868	M	0.04			1876	H	0.12
		1869	H	0.08			1876	L	0.10
			L	0.04			1877	H	0.12
		1871	H	0.08			1877	M	0.10
			M	0.06			1877	L	0.08½
			L	0.04			1878	H	0.10
		1872	H	0.08			1878	L	0.08½
			M	0.06			1879	H	0.10
			L	0.04			1879	L	0.05½
		1873	H	0.06			1880	H	0.10
			L	0.04			1880	L	0.05
		1874	H	0.08			1881	M	0.07½
			M	0.06	Iowa, . . . . lb.		1861	M	0.04
			L	0.04			1862	M	0.04
		1875	H	0.08			1863	M	0.04
			M	0.06			1864	M	0.06
			L	0.04			1865	M	0.10
		1876	H	0.07			1866	M	0.15
			L	0.04			1867	M	0.12½
		1877	H	0.07			1868	M	0.15
			L	0.04			1869	M	0.15
		1878	H	0.08			1870	M	0.10
			M	0.06½			1871	M	0.10
			ml	0.04½			1872	M	0.10
			L	0.03			1873	M	0.10
		1879	M	0.08			1874	M	0.08
		1880	H	0.06½			1875	M	0.08
			M	0.05			1876	M	0.08
			L	0.04			1877	M	0.08
		1884	H	0.10			1878	M	0.07
			mh	0.08			1879	M	0.07
			M	0.06½			1880	M	0.07
			ml	0.05			1885	M	0.05
			L	0.03			1887	H	0.15
Indiana, . . . . lb.		1888	M	0.08½				mh	0.12
		1851	M	0.10				M	0.10
		1852	M	0.10				ml	0.07
		1853	M	0.10				L	0.05
		1854	M	0.10	Kansas, . . . . lb.		1871	M	0.08
		1855	M	0.10			1872	M	0.08
		1856	M	0.10			1873	M	0.08
		1857	M	0.10			1874	M	0.07
		1858	M	0.12			1878	M	0.07
		1859	M	0.12			1879	M	0.07
		1860	M	0.12			1880	H	0.06½
		1861	M	0.08				L	0.05
		1862	M	0.10			1888	M	0.07½
		1863	M	0.15	Kentucky, . . . lb.		1872	M	0.05½
		1864	M	0.15			1873	M	0.05½



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
LAUNDRY SUP- PLIES — Con.					LAUNDRY SUP- PLIES — Con.				
Soap — Con.					Soap — Con.				
United States—Con.					United States—Con.				
Kentucky, . . . lb.	1874	M	\$0.05 $\frac{1}{2}$		Massachusetts, . lb.	1854	ml	\$0.07	
	1875	M	0.05 $\frac{1}{2}$				L	0.04	
	1876	M	0.05 $\frac{1}{2}$			1855	H	0.23	
	1877	M	0.05 $\frac{1}{2}$				M	0.11	
	1880	M	0.04 $\frac{1}{2}$				ml	0.07	
Maine, . . . lb.	1858	M	0.20				L	0.04	
	1865	M	0.18			1856	H	0.24	
	1868	H	0.16				M	0.11	
		L	0.15				ml	0.07 $\frac{1}{2}$	
	1872	M	0.10				L	0.04 $\frac{1}{2}$	
	1877	M	0.08			1857	H	0.23	
	1878	H	0.09				mh	0.18	
		L	0.08				M	0.10	
	1882	M	0.06				ml	0.07	
	1887	M	0.05				L	0.04 $\frac{1}{2}$	
Maryland, . . lb.	1888	M	0.06			1858	H	0.23	
	1882	H	0.08				M	0.17	
Massachusetts, . lb.		L	0.05				ml	0.10	
	1830	M	0.09				L	0.04	
	1831	H	0.11			1859	H	0.24	
		L	0.10				L	0.10	
	1832	M	0.08			1860	M	0.12 $\frac{1}{2}$	
	1834	M	0.10			1861	M	0.11	
	1835	M	0.10			1862	M	0.12 $\frac{1}{2}$	
	1837	H	0.08			1863	M	0.14	
		L	0.05			1864	M	0.12 $\frac{1}{2}$	
	1838	H	0.35			1865	M	0.17	
		M	0.23			1866	M	0.15	
		ml	0.16			1867	H	0.15	
		L	0.09				M	0.11 $\frac{1}{2}$	
	1839	H	0.26				L	0.09 $\frac{1}{2}$	
		L	0.09			1868	H	0.12 $\frac{1}{2}$	
	1840	M	0.09				M	0.11	
	1841	H	0.22				L	0.09	
		L	0.07			1869	H	0.11	
	1842	H	0.22				L	0.08	
		L	0.08			1870	H	0.10	
	1843	H	0.24				L	0.06	
		M	0.21			1871	H	0.10	
		L	0.07				L	0.06	
	1844	H	0.20			1872	H	0.10	
		L	0.07				M	0.08 $\frac{1}{2}$	
	1845	H	0.22				L	0.06	
		M	0.13			1873	H	0.10	
		L	0.06				M	0.08 $\frac{1}{2}$	
	1846	H	0.22				L	0.06	
		L	0.06			1874	H	0.10	
	1847	H	0.22				M	0.08 $\frac{1}{2}$	
		M	0.17				L	0.06	
		L	0.07			1875	H	0.08	
	1848	H	0.23				L	0.06	
		mh	0.17			1876	H	0.10	
		M	0.10				M	0.08	
		ml	0.06				L	0.06	
		L	0.03			1877	H	0.08	
	1849	M	0.06				L	0.06	
	1850	H	0.23			1878	H	0.08	
		L	0.08				L	0.07	
	1851	H	0.23			1879	H	0.08	
		M	0.08				L	0.06	
		L	0.05 $\frac{1}{2}$			1880	H	0.08	
	1852	H	0.23				L	0.05	
		M	0.16			1881	M	0.06 $\frac{2}{3}$	
		ml	0.10			1885	H	0.07	
		L	0.05 $\frac{1}{2}$				L	0.05	
	1853	H	0.07			1888	M	0.08	
		L	0.04				H	0.20	
	1854	H	0.24				M	0.08	
		M	0.10				ml	0.06	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
LAUNDRY SUP- PLIES—Con.					LAUNDRY SUP- PLIES—Con.				
Soap—Con.					Soap—Con.				
United States—Con.					United States—Con.				
Massachusetts, . lb.	1891	L	\$0.02		New Jersey, . lb.	1854	M	\$0.08	
Michigan, . lb.	1885	H	0.10			1855	M	0.10	
		mh	0.08 $\frac{1}{2}$			1856	M	0.08 $\frac{1}{2}$	
		M	0.07 $\frac{1}{2}$			1857	M	0.08	
		ml	0.06 $\frac{1}{2}$			1858	M	0.09	
		L	0.05			1859	M	0.10	
	1888	M	0.07 $\frac{1}{2}$			1860	M	0.10	
Minnesota, . lb.	1888	M	0.05			1861	M	0.09	
	1890	H	0.07			1862	M	0.09	
		M	0.05			1863	M	0.09	
		L	0.03			1864	M	0.10	
Missouri, . lb.	1851	H	0.12 $\frac{1}{2}$			1865	M	0.12	
		L	0.06			1866	M	0.10	
	1852	H	0.10			1867	H	0.11	
		L	0.06				L	0.10	
	1853	H	0.10			1868	M	0.10	
		L	0.06			1869	H	0.11	
	1854	M	0.06 $\frac{1}{2}$				L	0.10	
	1855	M	0.06 $\frac{1}{2}$			1870	M	0.11	
	1856	M	0.07			1871	M	0.10	
	1857	H	0.10			1872	M	0.09	
		L	0.07 $\frac{1}{2}$			1873	M	0.08	
	1858	H	0.10			1874	H	0.08	
		L	0.07 $\frac{1}{2}$				L	0.07	
	1859	H	0.10			1875	M	0.08	
		L	0.07 $\frac{1}{2}$			1876	M	0.08	
	1860	H	0.08			1877	M	0.08	
		L	0.06			1878	H	0.10	
	1861	H	0.10				L	0.07	
		L	0.05 $\frac{1}{2}$			1879	M	0.08	
	1862	H	0.10			1880	M	0.08	
		L	0.06			1882	H	0.12	
	1863	H	0.12 $\frac{1}{2}$				mh	0.10	
		L	0.06 $\frac{1}{2}$				M	0.08	
	1864	H	0.12 $\frac{1}{2}$				ml	0.06	
		L	0.06 $\frac{1}{2}$				L	0.04	
	1865	H	0.12 $\frac{1}{2}$			1886	H	0.11	
		L	0.09				M	0.07	
	1866	H	0.11				ml	0.05	
		L	0.09 $\frac{1}{2}$				L	0.03	
	1867	H	0.12 $\frac{1}{2}$		New York, . lb.	1851	H	0.12 $\frac{1}{2}$	
		L	0.10				L	0.05	
	1868	H	0.11			1852	H	0.12 $\frac{1}{2}$	
		L	0.10				L	0.05	
	1869	M	0.10			1853	H	0.12 $\frac{1}{2}$	
	1870	H	0.10				L	0.05	
		L	0.08			1854	H	0.12	
	1871	M	0.08				L	0.05	
	1872	M	0.08			1855	H	0.12	
	1873	H	0.08				mh	0.10	
		L	0.07				M	0.08	
	1874	H	0.08				L	0.05	
		L	0.07			1856	H	0.12	
	1875	M	0.07				M	0.08	
	1876	M	0.07				L	0.05	
	1877	M	0.07			1857	H	0.12 $\frac{1}{2}$	
	1878	H	0.07				M	0.06 $\frac{1}{2}$	
		L	0.04				L	0.05	
	1879	H	0.07			1858	H	0.12 $\frac{1}{2}$	
		L	0.05				M	0.08	
	1880	H	0.07				L	0.05	
		L	0.04			1859	H	0.12 $\frac{1}{2}$	
	1889	H	0.10				M	0.09	
		M	0.07				L	0.05	
		L	0.05			1860	H	0.12	
Nebraska, . lb.	1888	M	0.03 $\frac{1}{2}$				mh	0.10	
New Jersey, . lb.	1851	M	0.08				L	0.08	
	1852	M	0.08				L	0.05	
	1853	M	0.08						

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
LAUNDRY SUP- PLIES — Con.					LAUNDRY SUP- PLIES — Con.				
Soap — Con.					Soap — Con.				
United States—Con.					United States—Con.				
New York, . . . lb.		1861	H	\$0.12	Ohio, . . . lb.		1853	H	\$0.06½
			M	0.10				L	0.05
			L	0.05			1854	H	0.08
		1862	H	0.12				L	0.05
			M	0.10			1855	H	0.07
			L	0.05				L	0.05
		1863	H	0.12			1856	H	0.08
			M	0.10				L	0.05
			L	0.05			1857	H	0.08
		1864	H	0.14				L	0.05
			mh	0.12½			1858	H	0.10
			M	0.10				M	0.08
			L	0.06				L	0.05
		1865	H	0.12			1859	H	0.10
			M	0.10				M	0.08
			L	0.06				L	0.05
		1866	H	0.15			1860	H	0.10
			M	0.10				M	0.08
			L	0.06				L	0.05
		1867	H	0.15			1861	H	0.10
			mh	0.12				L	0.05
			M	0.08			1862	H	0.10
			L	0.05				M	0.08
		1868	H	0.14				L	0.06
			M	0.10½			1863	H	0.10
			ml	0.08				M	0.08
			L	0.05				L	0.05
		1869	H	0.13			1864	H	0.20
			mh	0.10½				M	0.12
			M	0.08				ml	0.10
			L	0.05				L	0.08
		1870	H	0.12			1865	H	0.15
			M	0.09				mh	0.12
			ml	0.07				M	0.10
			L	0.05				ml	0.08
		1871	H	0.10				L	0.05
			L	0.07			1866	H	0.14
		1872	H	0.10				M	0.10
			L	0.07				L	0.08
		1873	H	0.10			1867	H	0.12
			L	0.07				M	0.10
		1874	H	0.10				ml	0.07
			M	0.08½				L	0.05
			L	0.06			1868	H	0.12½
		1875	H	0.10				mh	0.10
			L	0.06				M	0.08
		1876	H	0.10				L	0.05
			M	0.08			1869	H	0.13
			L	0.05				M	0.10
		1877	H	0.10				L	0.07
			M	0.08			1870	H	0.12½
			L	0.05				mh	0.10
		1878	H	0.10				M	0.08
			M	0.08				L	0.05
			L	0.05			1871	H	0.10
		1879	H	0.08				M	0.08
			L	0.05				L	0.06
		1880	H	0.08			1872	H	0.10
			L	0.06				M	0.08
		1882	H	0.12½				L	0.06
			mh	0.10			1873	H	0.10
			M	0.08				M	0.08
			L	0.04½				L	0.06
		1884	H	0.07			1874	H	0.10
			L	0.06				M	0.08
Ohio, . . . lb.		1851	H	0.06			1875	H	0.11
			L	0.04				M	0.08
		1852	H	0.06				L	0.06
			L	0.04					

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
LAUNDRY SUP- PLIES — Con.					LAUNDRY SUP- PLIES — Con.				
Soap — Con.					Soap — Con.				
United States-Con.					United States-Con.				
Ohio, . . . . lb.		1876	H	\$0.10	Pennsylvania, . . lb.		1875	H	\$0.09
			M	0.08				L	0.06
			L	0.06			1876	H	0.08
		1877	H	0.12 $\frac{1}{2}$				L	0.05
			mh	0.10			1877	H	0.08
			M	0.09				L	0.05
			ml	0.07 $\frac{1}{2}$			1878	H	0.08
			L	0.06				L	0.05
		1878	H	0.10			1879	H	0.06
			M	0.08				L	0.05
			L	0.06			1880	H	0.08 $\frac{1}{2}$
		1879	H	0.10				M	0.06 $\frac{1}{2}$
			M	0.08				L	0.04
			L	0.06			1882	H	0.10
		1880	H	0.10				M	0.08
			M	0.08				L	0.05
			ml	0.06 $\frac{1}{2}$			1884	H	0.12
			L	0.05				mh	0.09
		1885	H	0.08				M	0.07
			L	0.06 $\frac{1}{2}$				ml	0.05
		1887	H	0.07 $\frac{1}{2}$				L	0.03
			L	0.05			1885	H	0.20
		1888	M	0.05				M	0.10
Pennsylvania, . . lb.		1851	H	0.06				ml	0.07
			L	0.04					0.04 $\frac{1}{2}$
		1852	H	0.06			1886	H	0.07
			L	0.04				L	0.06
		1853	H	0.08			1888	M	0.05
			L	0.04	Rhode Island, . . lb.		1887	M	0.07
		1854	H	0.06	Tennessee, . . lb.		1851	M	0.05
			L	0.04			1855	M	0.06
		1855	H	0.06			1856	M	0.06
			L	0.04			1857	M	0.06
		1856	H	0.06			1863	M	0.15
			L	0.04			1864	M	0.15
		1857	H	0.06			1865	M	0.15
			L	0.04			1866	M	0.12 $\frac{1}{2}$
		1858	H	0.06			1867	M	0.10
			L	0.04			1868	M	0.08
		1859	H	0.06			1869	M	0.10
			L	0.04			1870	M	0.08
		1860	H	0.06			1871	H	0.08
			L	0.04				L	0.06
		1861	H	0.08			1872	M	0.07 $\frac{3}{4}$
			M	0.06			1873	H	0.08 $\frac{1}{2}$
			L	0.04				L	0.07
		1862	H	0.07			1874	H	0.08 $\frac{1}{2}$
			L	0.04				L	0.07
		1863	H	0.08			1875	H	0.07
			L	0.06				L	0.06
		1864	H	0.12			1876	H	0.08 $\frac{1}{2}$
			L	0.10				L	0.06
		1865	H	0.12			1877	H	0.08 $\frac{1}{2}$
			L	0.10				M	0.07
		1866	H	0.15				L	0.05
			L	0.10			1878	H	0.08 $\frac{1}{2}$
		1867	H	0.10				L	0.05
			L	0.09			1879	H	0.08 $\frac{1}{2}$
		1868	M	0.10				L	0.05
		1869	H	0.10			1880	H	0.08 $\frac{1}{2}$
			L	0.08				M	0.06
		1870	M	0.08				L	0.04 $\frac{3}{4}$
		1871	M	0.08	West Virginia, . . lb.		1851	M	0.06
		1872	H	0.08			1852	M	0.06
			L	0.07			1853	M	0.06
		1873	H	0.08			1854	M	0.06
			L	0.07			1855	M	0.06
		1874	H	0.08			1856	M	0.06
			L	0.06			1857	M	0.06

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
LAUNDRY SUP- PLIES — Con.					LAUNDRY SUP- PLIES — Con.				
Soap — Con.					Soap — Con.				
United States—Con.					Foreign Countries				
West Virginia, . lb.		1858	M	\$0.06	Australia, . . lb.		1876	M	\$0.05½
		1859	M	0.06			1777	M	0.05½
		1860	M	0.06			1878	H	0.06
		1861	M	0.07				L	0.04
		1862	M	0.08			1879	M	0.04
		1863	M	0.08			1880	M	0.06
		1864	M	0.08			1881	H	0.09
		1865	M	0.07				L	0.06
		1866	M	0.07			1882	M	0.05
		1867	M	0.07			1883	M	0.06
		1868	M	0.07			1884	M	0.06
		1869	M	0.07			1885	H	0.08
		1870	M	0.07				L	0.06
		1871	M	0.05			1886	M	0.08
		1872	M	0.05			1887	M	0.07
		1873	M	0.05			1888	M	0.06½
		1874	M	0.05	Bavaria, . . . lb.		1883	M	0.09½
		1875	M	0.05	Brazil, . . . lb.		1882	H	0.10
		1876	M	0.05				L	0.07
		1877	M	0.05	Canada, . . . lb.		1882	H	0.20
		1878	M	0.05				L	0.18
		1879	M	0.05			1887	M	0.06
		1880	M	0.05	England, . . . lb.		1873	H	0.08
Wisconsin, . . lb.		1880	M	0.06				L	0.06
		1881	M	0.06			1878	H	0.10
		1882	M	0.06				M	0.07
		1883	M	0.06				L	0.04
		1884	M	0.06			1879	H	0.09
		1888	M	0.04				L	0.05½
Foreign Countries.							1881	M	0.06½
Australia, . . lb.		1836	M	0.09			1882	M	0.07
		1839	M	0.09			1883	H	0.08
		1840	M	0.09				L	0.04
		1841	M	0.09			1884	H	0.09
		1842	M	0.09				L	0.05½
		1844	M	0.07½	Germany, . . lb.		1878	H	0.12½
		1845	M	0.07				M	0.10
		1846	M	0.10				L	0.08
		1847	M	0.10			1879	M	0.10
		1848	M	0.10			1883	M	0.10
		1849	M	0.10½			1884	M	0.10
		1850	M	0.11			1885	M	0.10
		1851	M	0.10½			1886	M	0.08
		1852	M	0.12	Italy, . . . lb.		1878	M	0.04
		1853	M	0.12			1879	M	0.04
		1854	M	0.16			1884	M	0.04
		1855	M	0.16			1889	M	0.06
		1856	M	0.14½	Mexico, . . . lb.		1882	M	0.25
		1857	M	0.14	New Zealand, . lb.		1889	M	0.04
		1858	M	0.14	Nova Scotia, . lb.		1890	M	0.04
		1859	M	0.13	Sicily, . . . lb.		1878	M	0.04
		1860	M	0.14	Spain, . . . lb.		1878	H	0.10
		1861	M	0.12				L	0.08
		1862	M	0.09			1879	M	0.10
		1863	M	0.08			1884	M	0.10
		1864	M	0.08	Switzerland, . lb.		1882	M	0.07
		1865	M	0.08	United States of				
		1866	M	0.09	Colombia, . . lb.		1883	H	0.11½
		1867	M	0.08				L	0.08½
		1868	M	0.08	Starch.				
		1869	M	0.08	United States.				
		1870	M	0.08	California, . . lb.		1884	H	0.10
		1871	M	0.06				L	0.09
		1872	M	0.06			1888	M	0.07
		1873	M	0.06				H	0.20
		1874	M	0.05	Colorado, . . lb.		1888	M	0.16½
		1875	M	0.06				mh	



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
LAUNDRY SUP- PLIES — Con.					LAUNDRY SUP- PLIES — Con.				
Starch — Con.					Starch — Con.				
United States—Con.					United States—Con.				
Colorado, . . lb.		1888	M	\$0.13 $\frac{3}{4}$	Connecticut, . . lb.		1887	L	\$0.08
			ml	0.10			1888	M	0.07
			L	0.07 $\frac{1}{2}$			1866	M	0.20
Connecticut, . . lb.		1851	M	0.08	Florida, . . . lb.		1869	M	0.20
		1852	M	0.08			1871	M	0.12 $\frac{1}{2}$
		1853	H	0.12			1872	M	0.12 $\frac{1}{2}$
			L	0.09			1873	M	0.12 $\frac{1}{2}$
		1854	H	0.12			1874	M	0.12 $\frac{1}{2}$
			L	0.10			1875	M	0.15
		1855	M	0.10			1876	M	0.12 $\frac{1}{2}$
		1856	M	0.08			1877	M	0.15
		1857	M	0.12			1878	M	0.10
		1858	M	0.12			1879	M	0.10
		1859	M	0.10			1880	M	0.08
		1860	H	0.12	Illinois, . . . lb.		1851	M	0.08
			M	0.10			1852	M	0.08
			L	0.08			1853	M	0.08
		1861	H	0.12			1854	M	0.08
			M	0.10			1855	M	0.10
			L	0.08			1856	H	0.10
		1862	H	0.12				L	0.08
			M	0.10			1857	H	0.10
			L	0.08				L	0.08
		1863	H	0.12			1858	M	0.08
			L	0.10			1859	M	0.08
		1864	H	0.16			1860	M	0.08
			L	0.14			1861	M	0.08
		1865	H	0.20			1862	M	0.10
			M	0.16			1863	M	0.12 $\frac{1}{2}$
			L	0.12			1864	M	0.12 $\frac{1}{2}$
		1866	H	0.20			1865	M	0.12
			L	0.15			1866	M	0.10
		1867	H	0.20			1867	M	0.10
			L	0.16			1868	M	0.10
		1868	H	0.20			1869	H	0.15
			M	0.16				M	0.10
			L	0.14				L	0.08
		1869	H	0.20			1870	H	0.15
			M	0.17				M	0.10
			L	0.15				L	0.08
		1870	H	0.16			1871	H	0.15
			L	0.10				M	0.10
		1871	H	0.16				L	0.08
			L	0.12			1872	H	0.10
		1872	H	0.16				L	0.06
			L	0.12			1873	H	0.12 $\frac{1}{2}$
		1873	H	0.16				M	0.10
			M	0.14				L	0.06
			L	0.12 $\frac{1}{2}$			1874	H	0.12 $\frac{1}{2}$
		1874	H	0.16				L	0.10
			M	0.14			1875	H	0.12 $\frac{1}{2}$
			ml	0.12				M	0.10
			L	0.10				L	0.08
		1875	H	0.16			1876	H	0.10
			M	0.12				L	0.05
			L	0.10			1877	H	0.10
		1876	H	0.16				L	0.06
			M	0.12			1878	H	0.10
			L	0.10				L	0.05
		1877	H	0.12			1879	H	0.10
			L	0.10				M	0.08 $\frac{1}{2}$
		1878	H	0.12				L	0.05 $\frac{1}{2}$
			L	0.09			1880	H	0.10
		1879	H	0.12				M	0.08 $\frac{1}{2}$
			L	0.09				L	0.05
		1880	H	0.12			1884	H	0.10
			M	0.10				L	0.05
			L	0.08	Indiana, . . . lb.		1851	M	0.10
		1887	H	0.10			1852	M	0.10

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
LAUNDRY SUP- PLIES — Con.					LAUNDRY SUP- PLIES — Con.				
Starch — Con.					Starch — Con.				
United States-Con.					United States-Con.				
Indiana, . . . lb.		1853	M	\$0.10	Iowa, . . . lb.		1888	M	\$0.08
		1854	M	0.08	Kansas, . . . lb.		1871	M	0.06 $\frac{1}{2}$
		1855	M	0.08			1872	M	0.06 $\frac{1}{2}$
		1856	M	0.09			1873	M	0.06 $\frac{1}{2}$
		1857	M	0.10			1874	M	0.06
		1858	M	0.10			1875	M	0.06
		1859	M	0.12			1876	M	0.06
		1860	M	0.10			1877	M	0.06
		1861	M	0.08			1878	M	0.06
		1862	M	0.10			1879	M	0.05
		1863	M	0.12			1888	M	0.11
		1864	M	0.10	Kentucky, . . . lb.		1872	M	0.04 $\frac{1}{2}$
		1865	H	0.15			1873	M	0.05
			L	0.10			1874	M	0.05 $\frac{1}{2}$
		1866	H	0.15			1875	M	0.05
			L	0.10			1876	M	0.04
		1867	H	0.13			1877	M	0.04 $\frac{1}{2}$
			L	0.08			1880	M	0.03 $\frac{1}{2}$
		1868	M	0.10	Maine, . . . lb.		1887	M	0.10
		1869	M	0.10	Massachusetts, . lb.		1830	H	0.22
		1870	M	0.10				M	0.18
		1871	H	0.15				L	0.10
			L	0.10			1832	M	0.20
		1872	M	0.10			1833	M	0.17
		1873	M	0.10			1834	M	0.12
		1874	M	0.10			1835	M	0.20
		1875	H	0.10			1837	M	0.12
			L	0.08 $\frac{1}{2}$			1838	M	0.12
		1876	H	0.10			1839	M	0.12
			L	0.08 $\frac{1}{2}$			1841	M	0.12
		1877	H	0.10			1842	M	0.12
			M	0.08			1843	M	0.11
			L	0.06 $\frac{1}{2}$			1844	H	0.12
		1878	H	0.10				L	0.09
			M	0.08			1845	M	0.10
			L	0.06 $\frac{1}{2}$			1846	M	0.11
		1879	H	0.10			1848	M	0.11
			M	0.08			1849	M	0.11
			L	0.06 $\frac{1}{2}$			1850	M	0.11
		1880	H	0.10			1851	H	0.12
			M	0.08				L	0.11
			L	0.06			1852	M	0.11
		1888	M	0.04 $\frac{1}{2}$			1854	M	0.12
Iowa, . . . lb.		1861	M	0.05			1855	M	0.12
		1862	M	0.05			1856	H	0.12
		1863	M	0.07				L	0.11
		1864	M	0.10			1857	M	0.12
		1865	M	0.18			1858	M	0.12
		1866	M	0.18			1859	M	0.12
		1867	M	0.20			1860	M	0.12
		1868	M	0.20			1861	M	0.12
		1869	M	0.20			1862	H	0.12
		1870	M	0.15				M	0.07 $\frac{1}{2}$
		1871	M	0.12 $\frac{1}{2}$				L	0.05 $\frac{1}{2}$
		1872	M	0.12 $\frac{1}{2}$			1863	H	0.12
		1873	M	0.12 $\frac{1}{2}$				M	0.08 $\frac{1}{2}$
		1874	M	0.10				L	0.07
		1875	M	0.10			1864	H	0.14
		1876	M	0.10				L	0.08 $\frac{1}{2}$
		1877	M	0.10			1865	H	0.17
		1878	M	0.08				M	0.10 $\frac{1}{2}$
		1879	M	0.08				L	0.08 $\frac{1}{2}$
		1880	M	0.08			1866	H	0.15
		1885	M	0.06 $\frac{1}{2}$				L	0.09
		1887	H	0.18 $\frac{1}{2}$			1867	H	0.15
			mh	0.15				L	0.10 $\frac{1}{2}$
			M	0.12 $\frac{1}{2}$			1868	H	0.15
			ml	0.10				M	0.12
			L	0.07				L	0.10 $\frac{1}{2}$

GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices							
LAUNDRY SUP- PLIES — Con. Starch — Con. United States—Con. Massachusetts, . lb.								1869	H	\$0.15	LAUNDRY SUP- PLIES — Con. Starch — Con. United States—Con. Missouri, . . lb.								1870	M	\$0.10	
									M	0.13½									1871	H	0.10	
									L	0.09½										L	0.08	
								1870	H	0.14									1872	M	0.08	
									L	0.09									1873	M	0.08	
								1871	H	0.14									1874	M	0.08	
									L	0.08									1875	H	0.07	
								1872	H	0.12										L	0.06	
									L	0.07½									1876	H	0.07	
								1873	H	0.12										L	0.05	
									M	0.09									1877	H	0.07	
									L	0.07½										L	0.05	
								1874	H	0.12									1878	H	0.10	
									M	0.09										M	0.07	
									L	0.07½										L	0.04	
								1875	H	0.12									1879	H	0.07	
									M	0.08½										L	0.04	
									L	0.06½									1880	H	0.07	
								1876	H	0.12										L	0.04	
									L	0.08									1889	H	0.08½	
								1877	H	0.10										L	0.04½	
									L	0.08									Nebraska, . . lb.	1888	M	0.04
								1878	M	0.09½									New Jersey, . . lb.	1851	M	0.10
								1879	H	0.08										1852	M	0.10
									L	0.05½										1853	M	0.10
								1880	H	0.12										1854	M	0.10
									M	0.09										1855	M	0.10
									L	0.06½										1856	M	0.10
								1885	H	0.10										1857	M	0.10
									M	0.08										1858	M	0.09
									L	0.06										1859	M	0.10
								1888	M	0.08										1860	M	0.10
								1891	H	0.10										1861	M	0.10
									M	0.07										1862	M	0.10
									L	0.04										1863	M	0.10
Michigan, . . lb.	1885	H	0.15										1864	M	0.16							
		M	0.11										1865	M	0.16							
		ml	0.09										1866	M	0.14							
		L	0.07										1867	H	0.15							
	1888	M	0.08											L	0.14							
Minnesota, . . lb.	1888	M	0.07½										1868	M	0.14							
Missouri, . . lb.	1851	M	0.10										1869	M	0.14							
	1852	M	0.10										1870	M	0.12							
	1853	M	0.10										1871	M	0.14							
	1854	M	0.10										1872	M	0.13							
	1855	M	0.10										1873	M	0.14							
	1856	M	0.10										1874	H	0.13½							
	1857	M	0.10											L	0.12							
	1858	M	0.10										1875	M	0.10							
	1859	M	0.10										1876	M	0.10							
	1860	H	0.10										1877	M	0.10							
		L	0.08										1878	M	0.10							
	1861	H	0.10										1879	M	0.10							
		L	0.08½										1880	M	0.10							
	1862	H	0.10									New York, . . lb.	1851	H	0.12½							
		L	0.08½											L	0.10							
	1863	H	0.12½										1852	H	0.12½							
		L	0.10											L	0.10							
	1864	H	0.12½										1853	H	0.13							
		L	0.10											L	0.09							
	1865	H	0.12½										1854	H	0.13							
		L	0.10											M	0.10							
	1866	H	0.12½											L	0.08							
		L	0.10										1855	H	0.12½							
	1867	M	0.10											L	0.09							
	1868	H	0.15										1856	H	0.12½							
		L	0.10											M	0.10							
	1869	H	0.12½											L	0.08							
		L	0.10										1857	H	0.12½							

## GRADED PRICES—Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
LAUNDRY SUP- PLIES—Con.					LAUNDRY SUP- PLIES—Con.				
Starch—Con.					Starch—Con.				
United States—Con.					United States—Con.				
New York, . . . lb.		1857	L	\$0.09	New York, . . . lb.	1879	L	\$0.04	
		1858	H	0.12		1880	H	0.10	
			M	0.10			M	0.08	
			L	0.07			L	0.04	
		1859	H	0.12		1881	M	0.05	
			M	0.10		1882	M	0.05	
			L	0.08		1883	M	0.04	
		1860	H	0.12		1884	H	0.10	
			M	0.10			M	0.08	
			L	0.07			L	0.05	
		1861	H	0.12		1885	M	0.04	
			L	0.10		1851	H	0.12½	
		1862	H	0.12	Ohio, . . . lb.		M	0.08	
			L	0.10			L	0.04	
		1863	H	0.12		1852	H	0.12½	
			L	0.10			M	0.10	
		1864	H	0.15			L	0.04	
			M	0.12½		1853	H	0.12½	
			L	0.09			M	0.08	
		1865	H	0.15			L	0.05	
			L	0.10		1854	H	0.12½	
		1866	H	0.16			M	0.08	
			M	0.14			L	0.05	
			L	0.10		1855	H	0.10	
		1867	H	0.15			L	0.05	
			M	0.13		1856	H	0.10	
			ml	0.11			L	0.05	
			L	0.09		1857	H	0.10	
		1868	H	0.15			L	0.05	
			M	0.10		1858	H	0.10	
			L	0.08½			M	0.08	
		1869	H	0.15			L	0.05	
			M	0.12		1859	H	0.10	
			L	0.09			M	0.08	
		1870	H	0.15			L	0.05	
			M	0.11		1860	H	0.10	
			L	0.08½			M	0.08	
		1871	H	0.16			L	0.05	
			mh	0.14		1861	H	0.10	
			M	0.11			L	0.05	
			L	0.07		1862	H	0.12½	
		1872	H	0.16			M	0.10	
			mh	0.12½			L	0.05	
			M	0.10		1863	H	0.15	
			L	0.05			M	0.12	
		1873	H	0.16			ml	0.10	
			mh	0.12½			L	0.08	
			M	0.10½		1864	H	0.15	
			L	0.05			M	0.12	
		1874	H	0.15			L	0.10	
			M	0.12½		1865	H	0.15	
			L	0.07			M	0.12½	
		1875	H	0.16			L	0.10	
			mh	0.12½		1866	H	0.15	
			M	0.10			M	0.12	
			L	0.06			L	0.10	
		1876	H	0.14		1867	H	0.15	
			mh	0.12			L	0.10	
			M	0.10		1868	H	0.15	
			L	0.05			L	0.10	
		1877	H	0.12½		1869	H	0.15	
			M	0.10			M	0.10	
			L	0.05			L	0.08	
		1878	H	0.12½		1870	H	0.15	
			mh	0.10			M	0.12	
			M	0.08			ml	0.10	
			L	0.05			L	0.08	
		1879	H	0.10		1871	H	0.12½	
			M	0.08			mh	0.10	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
LAUNDRY SUP- PLIES — Con. Starch — Con. <i>United States—Con.</i>					LAUNDRY SUP- PLIES — Con. Starch — Con. <i>United States—Con.</i>				
Ohio, . . . . lb.		1871	M	\$0.08	Pennsylvania, . . lb.		1864	L	\$0.12
			L	0.05			1865	H	0.15
		1872	H	0.15				L	0.14
			mh	0.12 $\frac{1}{2}$			1866	H	0.14
			M	0.10				L	0.12 $\frac{1}{2}$
			ml	0.08			1867	H	0.14
			L	0.05				L	0.12 $\frac{1}{2}$
		1873	H	0.12 $\frac{1}{2}$			1868	H	0.15
			M	0.10				L	0.12 $\frac{1}{2}$
			L	0.05			1869	H	0.13
		1874	H	0.12 $\frac{1}{2}$				L	0.12
			mh	0.10			1870	M	0.12 $\frac{1}{2}$
			M	0.07			1871	M	0.12 $\frac{1}{2}$
			L	0.05			1872	H	0.12 $\frac{1}{2}$
		1875	H	0.12 $\frac{1}{2}$				L	0.10
			mh	0.10			1873	H	0.12 $\frac{1}{2}$
			M	0.08				L	0.10
			L	0.05			1874	H	0.12 $\frac{1}{2}$
		1876	H	0.12 $\frac{1}{2}$				L	0.10
			mh	0.10			1875	H	0.12 $\frac{1}{2}$
			M	0.08 $\frac{1}{2}$				L	0.09
			L	0.05			1876	H	0.10
		1877	H	0.12				M	0.08
			mh	0.10				L	0.06
			M	0.08			1877	H	0.10
			L	0.05				M	0.08
		1878	H	0.10				L	0.06
			M	0.08 $\frac{1}{2}$			1878	H	0.10
			L	0.04				L	0.06
		1879	H	0.10			1879	H	0.10
			M	0.08 $\frac{1}{2}$				M	0.08
			L	0.04				L	0.05
		1880	H	0.10			1880	H	0.10
			M	0.08 $\frac{1}{2}$				M	0.08
			ml	0.06				L	0.05
			L	0.04			1884	H	0.20
		1887	H	0.10				mh	0.16
			M	0.08				M	0.12
			L	0.05				ml	0.08
		1888	M	0.05				L	0.04
Pennsylvania, . . lb.		1851	H	0.12 $\frac{1}{2}$			1885	H	0.15
			L	0.08				mh	0.12 $\frac{1}{2}$
		1852	H	0.10				M	0.10
			L	0.08				ml	0.08
		1853	H	0.09				L	0.05
			L	0.08			1888	M	0.10
		1854	H	0.12	Rhode Island, . . lb.		1888	M	0.08
			L	0.08	Tennessee, . . lb.		1851	M	0.08
		1855	H	0.12			1855	M	0.08
			L	0.08			1856	M	0.08
		1856	H	0.12			1857	M	0.08
			L	0.08			1863	M	0.12 $\frac{1}{2}$
		1857	H	0.12			1864	M	0.12 $\frac{1}{2}$
			L	0.08			1865	M	0.12 $\frac{1}{2}$
		1858	H	0.10			1866	M	0.12 $\frac{1}{2}$
			L	0.08			1867	M	0.10
		1859	H	0.10			1868	M	0.08
			L	0.08			1869	M	0.10
		1860	H	0.10			1870	M	0.10
			L	0.08			1871	M	0.05
		1861	H	0.10			1872	H	0.07 $\frac{1}{2}$
			L	0.06				L	0.06
		1862	H	0.10			1873	M	0.07 $\frac{1}{2}$
			M	0.08			1874	H	0.08 $\frac{1}{2}$
			L	0.06				L	0.05 $\frac{1}{2}$
		1863	H	0.12			1875	M	0.06
			M	0.10			1876	H	0.08 $\frac{1}{2}$
			L	0.08				L	0.06
		1864	H	0.15			1877	H	0.08 $\frac{1}{2}$



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
LAUNDRY SUP- PLIES — Con.					LAUNDRY SUP- PLIES — Con.				
Starch — Con.					Starch — Con.				
United States—Con.					Foreign Countries — Con.				
Tennessee, . . . lb.	1877	L	\$0.05		Australia, . . . lb.	1872	M	\$0.10	
	1878	H	0.08 $\frac{1}{2}$			1873	M	0.10	
		L	0.05			1874	M	0.12	
	1879	H	0.08 $\frac{1}{2}$			1875	M	0.10	
		M	0.08			1876	M	0.10	
		L	0.03 $\frac{3}{4}$			1877	M	0.10	
	1880	H	0.08 $\frac{1}{2}$			1878	M	0.10	
		M	0.05			1879	M	0.10	
		L	0.03 $\frac{3}{4}$			1880	M	0.11	
West Virginia, . . lb.	1851	M	0.06			1881	M	0.11	
	1852	M	0.07			1882	M	0.12	
	1853	M	0.07			1883	M	0.14	
	1854	M	0.07			1884	M	0.12	
	1855	M	0.07			1885	M	0.13	
	1856	M	0.07			1886	M	0.13	
	1857	M	0.07			1887	M	0.13	
	1858	M	0.07			1888	M	0.12	
	1859	M	0.07		England, . . . lb.	1873	H	0.12	
	1860	M	0.07			L	0.10		
	1861	M	0.08			1878	H	0.12	
	1862	M	0.10			M	0.10		
	1863	M	0.10			L	0.08		
	1864	M	0.10			1879	H	0.12	
	1865	M	0.08			L	0.10		
	1866	M	0.08			1882	M	0.12	
	1867	M	0.08			1883	H	0.09	
	1868	M	0.08			L	0.06		
	1869	M	0.08			1884	H	0.12	
	1870	M	0.08			L	0.10		
	1871	M	0.06		Germany, . . . lb.	1878	H	0.10	
	1872	M	0.06			L	0.08		
	1873	M	0.06			1879	M	0.09	
	1874	M	0.06			1884	M	0.09	
	1875	M	0.06			1886	M	0.04	
	1876	M	0.06		Holland, . . . lb.	1882	M	0.07	
	1877	M	0.06		Italy, . . . lb.	1878	M	0.10	
	1878	M	0.06			1879	M	0.10	
	1879	M	0.06			1884	M	0.10	
	1880	M	0.06			1889	M	0.09	
Wisconsin, . . . lb.	1888	M	0.05		Japan, . . . lb.	1881	M	0.20	
Foreign Countries.					Mexico, . . . lb.	1882	M	0.12	
Australia, . . . lb.	1847	M	0.24		Scotland, . . . lb.	1878	M	0.14	
	1848	M	0.24			1879	M	0.14	
	1849	M	0.26			1884	M	0.14	
	1850	M	0.24		Sicily, . . . lb.	1878	M	0.10	
	1851	M	0.24		Spain, . . . lb.	1878	H	0.10	
	1852	M	0.24			L	0.08		
	1853	M	0.24			1879	M	0.10	
	1854	M	0.36			1884	M	0.10	
	1855	M	0.36		Venezuela, . . . lb.	1881	H	0.05	
	1856	M	0.26 $\frac{1}{2}$			L	0.04		
	1857	M	0.24		West Indies, . . . lb.	1881	M	0.16	
	1858	M	0.34						
	1859	M	0.24		LIGHT.				
	1860	M	0.24		Oil (KEROSENE).				
	1861	M	0.21		United States.				
	1862	M	0.16		California, . . . gal.	1884	M	0.20	
	1863	M	0.14		Connecticut, . . . gal.	1851	M	0.80	
	1864	M	0.16			1852	M	0.80	
	1865	M	0.16			1853	M	0.80	
	1866	M	0.14			1854	M	0.92	
	1867	M	0.14			1855	M	0.92	
	1868	M	0.14			1856	M	0.92	
	1869	M	0.16			1857	M	0.92	
	1870	M	0.14			1858	M	0.92	
	1871	M	0.09			1860	H	1.00	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices
LIGHT — Con.					LIGHT — Con.				
Oil (KEROSENE) — Con.					Oil (KEROSENE) — Con.				
United States—Con.					United States—Con.				
Connecticut, . . . gal.		1860	L	\$0.68	Florida, . . . gal.		1874	M	\$0.40
		1861	M	0.75			1875	M	0.30
		1862	M	0.75			1876	M	0.40
		1863	H	0.85			1877	M	0.30
			M	0.75			1878	M	0.30
			L	0.60			1879	M	0.20
		1864	H	0.92			1880	M	0.25
			M	0.80			1861	M	0.35
			L	0.75	Illinois, . . . gal.		1862	H	0.60
		1865	H	1.20				M	0.50
			L	1.00				L	0.20
		1866	H	0.90			1863	M	1.00
			L	0.86			1864	H	1.00
		1867	H	0.75				L	0.75
			L	0.70			1865	H	1.00
		1868	H	0.75				L	0.80
			M	0.60			1866	H	0.75
			L	0.55				L	0.60
		1869	H	0.60			1867	H	0.60
			M	0.50				L	0.40
			L	0.40			1868	M	0.30
		1870	H	0.60			1869	H	0.40
			M	0.45				M	0.35
			L	0.35				L	0.30
		1871	H	0.60			1870	H	0.50
			L	0.40				L	0.30
		1872	H	0.50			1871	H	0.40
			L	0.40				M	0.30
		1873	H	0.50				L	0.25
			M	0.40			1872	H	0.40
			ml	0.35				L	0.25
			L	0.30			1873	H	0.30
		1874	H	0.50				L	0.25
			mh	0.40			1874	H	0.25
			M	0.32				L	0.20
			ml	0.24			1875	H	0.30
			L	0.15				L	0.25
		1875	H	0.40			1876	H	0.30
			mh	0.36				L	0.25
			M	0.30			1877	H	0.33
			ml	0.22				L	0.25
			L	0.16			1878	M	0.20
		1876	H	0.40			1879	H	0.25
			M	0.32				L	0.20
			ml	0.25			1880	H	0.25
			L	0.20				L	0.20
		1877	H	0.45			1884	H	0.25
			M	0.30				mh	0.22
			ml	0.25				M	0.18
			L	0.18				ml	0.14
		1878	H	0.30				L	0.10
			mh	0.25	Indiana, . . . gal.		1871	H	0.25
			M	0.20				L	0.20
			L	0.15			1872	H	0.25
		1879	H	0.28				L	0.20
			mh	0.25			1873	H	0.25
			M	0.18				L	0.20
			L	0.15			1874	H	0.25
		1880	H	0.28				L	0.20
			mh	0.35			1875	H	0.25
			M	0.20				L	0.20
			L	0.15			1876	M	0.22
		1887	M	0.20			1877	M	0.22
Florida, . . . gal.		1866	M	1.00			1878	M	0.22
		1867	M	1.00			1879	M	0.22
		1868	M	1.00			1880	M	0.22
		1871	M	0.60	Iowa, . . . gal.		1865	M	1.00
		1872	M	0.60			1866	M	1.00
		1873	M	0.50			1867	M	0.80

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
LIGHT — Con.					LIGHT — Con.				
Oil (KEROSENE) — Con.					Oil (KEROSENE) — Con.				
United States—Con.					United States—Con.				
Iowa, . . . . gal.	1868	M	\$0.75		Massachusetts, . . gal.	1874	L	\$0.20	
	1869	M	0.75			1875	M	0.20	
	1870	M	0.70			1876	H	0.23	
	1871	M	0.60				M	0.22 $\frac{3}{4}$	
	1872	M	0.50				L	0.20	
	1873	M	0.50			1877	H	0.33	
	1874	M	0.40				M	0.21 $\frac{1}{4}$	
	1875	M	0.30				L	0.20	
	1876	M	0.20			1878	M	0.15	
	1877	M	0.20			1879	H	0.15	
	1878	M	0.20				M	0.10	
	1879	M	0.20				L	0.06	
	1880	M	0.20			1880	H	0.30	
	1885	M	0.15				mh	0.25	
Kansas, . . . . gal.	1871	M	0.25				M	0.20	
	1872	M	0.25				ml	0.16	
	1873	M	0.20				L	0.12	
	1874	M	0.20			1881	M	0.10	
	1875	M	0.20			1885	H	0.25	
	1876	M	0.20				mh	0.20	
	1877	M	0.20				M	0.18	
	1878	M	0.20				ml	0.14	
	1879	M	0.20				L	0.10	
	1880	M	0.20			1891	H	0.20	
Kentucky, . . . gal.	1872	M	0.22				mh	0.16	
	1873	M	0.19				M	0.13	
	1874	M	0.14 $\frac{1}{2}$				ml	0.10	
	1875	M	0.16				L	0.07	
	1876	M	0.13 $\frac{1}{2}$		Missouri, . . . . gal.	1862	H	1.00	
	1877	M	0.14				L	0.75	
	1880	M	0.09			1863	M	1.00	
	1882	M	0.20			1864	M	1.00	
Maine, . . . . gal.	1858	H	1.00			1865	M	1.00	
		L	0.90			1866	M	0.75	
	1865	M	1.10			1867	M	0.60	
	1866	M	1.00			1868	M	0.60	
	1867	M	0.65			1869	M	0.50	
	1868	M	0.50			1870	H	0.60	
	1872	M	0.35				L	0.50	
	1877	M	0.20			1871	H	0.60	
	1878	M	0.20				L	0.50	
	1882	M	0.20			1872	H	0.50	
	1886	M	0.15				L	0.40	
	1887	M	0.15			1873	M	0.40	
	1888	M	0.16			1874	M	0.40	
Maryland, . . . gal.	1885	H	0.20			1875	M	0.40	
		L	0.15			1876	M	0.30	
Massachusetts, . . gal.	1864	H	1.10			1877	M	0.30	
		L	0.60			1878	M	0.30	
	1865	H	1.05			1879	M	0.30	
		L	0.75			1880	M	0.30	
	1866	H	0.85			1889	H	0.25	
		L	0.53				M	0.20	
	1867	H	0.57				L	0.15	
		L	0.49		New Jersey, . . . gal.	1867	M	0.58	
	1868	H	0.48			1869	M	0.55	
		L	0.32			1874	M	0.23	
	1869	H	0.42			1882	H	0.28	
		L	0.35				mh	0.24	
	1870	H	0.38				M	0.18	
		L	0.26				ml	0.12	
	1871	H	0.30				L	0.08	
		L	0.27			1886	H	0.18	
	1872	M	0.30				mh	0.15	
	1873	H	0.30				M	0.13	
		M	0.28 $\frac{3}{4}$				ml	0.11	
		L	0.25				L	0.09	
	1874	H	0.25		New York, . . . . gal.	1861	M	1.12	
		M	0.23 $\frac{3}{4}$			1862	M	0.50	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
LIGHT — Con. Oil (KEROSENE) — Con.					LIGHT — Con. Oil (KEROSENE) — Con.				
<i>United States-Con.</i>					<i>United States-Con.</i>				
New York, . . .	gal.	1863	M	\$0.60	Ohio, . . .	gal.	1869	L	\$0.25
		1864	H	0.88			1870	H	0.50
			M	0.80				M	0.40
			L	0.75				L	0.25
		1865	H	1.20			1871	H	0.40
			L	1.00				L	0.20
		1866	H	0.80			1872	H	0.40
			L	0.75				L	0.35
		1867	H	0.65			1873	H	0.40
			M	0.63				mh	0.35
			L	0.60				M	0.30
		1868	H	0.60				L	0.25
			L	0.50			1874	H	0.40
		1869	M	0.46				mh	0.35
		1870	M	0.40				M	0.30
		1871	H	0.60				L	0.25
			L	0.40			1875	H	0.40
		1872	M	0.40				mh	0.35
		1873	H	0.50				M	0.25
			L	0.30				L	0.20
		1874	H	0.20			1876	H	0.40
			L	0.18 <sup>1</sup>				mh	0.35
		1875	M	0.20				M	0.30
		1876	M	0.20				ml	0.25
		1877	H	0.25				L	0.20
			L	0.20			1877	H	0.40
		1878	H	0.18				mh	0.30
			L	0.15				M	0.25
		1879	H	0.15				ml	0.20
			L	0.12				L	0.18
		1880	M	0.12			1878	H	0.40
		1882	H	0.25				M	0.25
			mh	0.20				L	0.15
			M	0.16			1879	H	0.25
			ml	0.12				M	0.20
			L	0.08				L	0.15
Ohio, . . .	gal.	1855	M	0.40			1880	H	0.40
		1856	M	0.40				mh	0.30
		1857	M	0.40				M	0.25
		1858	H	0.60				ml	0.20
			L	0.45				L	0.15
		1859	H	0.60	Pennsylvania, . .	gal.	1851	M	1.25
			L	0.50			1852	M	1.25
		1860	H	0.60			1853	M	1.25
			L	0.50			1854	M	1.25
		1861	H	0.60			1855	M	1.12
			L	0.40			1856	M	1.00
		1862	H	0.60			1857	M	1.00
			L	0.40			1858	M	0.85
		1863	H	0.60			1859	M	0.70
			L	0.50			1860	M	0.70
		1864	H	0.80			1861	H	0.70
			L	0.60				L	0.25
		1865	H	1.00			1862	H	0.70
			M	0.60				L	0.25
			L	0.50			1863	H	1.00
		1866	H	0.70				L	0.70
			M	0.60			1864	H	1.20
			L	0.40				M	1.00
		1867	H	0.80				L	0.80
			M	0.60			1865	H	1.20
			L	0.30				M	1.00
		1868	H	0.80				L	0.60
			M	0.60			1866	H	1.00
			ml	0.50				M	0.80
			L	0.30				L	0.50
		1869	H	0.60			1867	H	0.80
			mh	0.50				L	0.50
			M	0.45			1868	H	0.75

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
LIGHT — Con.					LIGHT — Con.				
Oil (KEROSENE) — Con.					Oil (KEROSENE) — Con.				
United States—Con.					United States—Con.				
Pennsylvania, . . . gal.		1868	L	\$0.40	West Virginia, . . . gal.		1868	M	\$0.40
		1869	H	0.75			1869	M	0.30
			M	0.60			1870	M	0.25
			ml	0.50			1871	M	0.20
			L	0.40			1872	M	0.20
		1870	H	0.65			1873	M	0.25
			L	0.40			1874	M	0.25
		1871	H	0.65			1875	M	0.25
			M	0.40			1876	M	0.20
			L	0.30			1877	M	0.20
		1872	H	0.65			1878	M	0.15
			M	0.40			1879	M	0.15
			L	0.25			1880	M	0.15
		1873	H	0.50	Wisconsin, . . . gal.		1880	M	0.14
			M	0.40			1881	M	0.12
			L	0.18			1882	M	0.12
		1874	H	0.50			1883	M	0.10
			mh	0.35			1884	M	0.10
			M	0.28 $\frac{1}{2}$					
			L	0.14	Foreign Countries.				
		1875	H	0.40	Austria, . . . gal.		1878	M	0.45
			mh	0.30	Bohemia, . . . gal.		1885	M	0.36
			M	0.20	Brazil, . . . gal.		1882	M	0.45
			L	0.12	Canada, . . . gal.		1882	M	0.32
		1876	H	0.35	Ecuador, . . . gal.		1883	M	1.00
			M	0.20			1885	H	0.72
			L	0.13				L	0.60
		1877	H	0.35	England, . . . gal.		1873	M	0.54
			M	0.20			1878	H	0.48
			L	0.14				L	0.60
		1878	H	0.30			1881	M	0.12
			M	0.20			1882	M	0.16
			L	0.12			1883	H	0.24
		1879	H	0.30				L	0.20
			L	0.12	France, . . . gal.		1882	H	0.45
		1880	H	0.25				L	0.40
			L	0.12			1889	M	0.44
		1882	H	0.25			1891	M	0.56 $\frac{1}{2}$
			mh	0.20	Germany, . . . gal.		1878	H	0.44
			M	0.16				M	0.31
			L	0.12				L	0.28
		1885	M	0.20			1882	H	0.24
Tennessee, . . . gal.		1870	M	0.40				M	0.18
		1871	M	0.25				L	0.16
		1874	M	0.40			1883	H	0.28
		1876	M	0.40				L	0.24
		1877	M	0.35			1887	H	0.40
		1878	M	0.35				L	0.24
		1879	H	0.35			1888	M	0.40
			L	0.30			1889	M	0.48
		1880	H	0.30	Hawaiian Islands, . gal.		1881	M	0.40
			L	0.25	Hesse, . . . gal.		1887	M	0.40
West Virginia, . . gal.		1851	M	0.30			1888	M	0.40
		1852	M	0.30	Italy, . . . gal.		1878	M	0.84
		1853	M	0.30			1884	H	1.04
		1854	M	0.30				L	0.56
		1855	M	0.30			1889	H	0.58
		1856	M	0.30				L	0.54
		1857	M	0.30	Mexico, . . . gal.		1882	M	0.80
		1858	M	0.30			1883	M	0.70
		1859	M	0.30	Saxony, . . . gal.		1878	M	0.30
		1860	M	0.30	Sicily, . . . gal.		1889	M	0.40
		1861	M	0.30	Switzerland, . . gal.		1882	M	0.20
		1862	M	0.40	United States of				
		1863	M	0.40	Colombia, . . . gal.		1883	H	2.10
		1864	M	0.50				L	1.50
		1865	M	0.50	Venezuela, . . . gal.		1881	M	0.96
		1866	M	0.40	West Indies, . . gal.		1881	M	1.00
		1867	M	0.40			1889	M	0.10



## GRADED PRICES—Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME.</b>					<b>MEATS AND GAME</b>				
<b>Beef (CORNEDE).</b>					<b>— Con.</b>				
<i>United States.</i>					<b>Beef (CORNEDE)</b>				
<i>United States-Con.</i>					<b>— Con.</b>				
California, . . . lb.		1884	M	\$0.10	Connecticut, . . . lb.		1874	ml	\$0.09
Connecticut, . . . lb.		1886	M	0.09			1875	L	0.06
		1881	M	0.06				H	0.20
		1882	M	0.04				mh	0.15
		1883	M	0.09				M	0.12
		1884	H	0.10				ml	0.08½
			M	0.08				L	0.06
			L	0.06			1876	H	0.14
		1885	H	0.10				mh	0.12
			L	0.08				M	0.10
		1886	H	0.10				L	0.06
			L	0.08			1877	H	0.14
		1887	H	0.10				M	0.10
			L	0.07				ml	0.08
		1888	H	0.10				L	0.06
			L	0.08			1878	H	0.14
		1889	H	0.10				M	0.10
			L	0.08				ml	0.08
		1890	H	0.12				L	0.06
			L	0.08			1879	H	0.10
		1891	H	0.14				M	0.08
			L	0.07				L	0.06
		1892	H	0.14			1880	H	0.10
			L	0.07				M	0.08
		1893	H	0.16				L	0.06
			M	0.10			1880	M	0.05
			L	0.07	Illinois, . . . lb.		1860	M	0.05
		1894	H	0.16			1861	M	0.05
			M	0.12½			1862	M	0.05
			L	0.10			1863	M	0.05
		1895	H	0.16			1864	M	0.05
			mh	0.14			1865	M	0.10
			M	0.12			1866	M	0.08
			L	0.10			1867	M	0.08
		1896	H	0.16			1868	M	0.09
			M	0.14			1869	M	0.08
			L	0.10			1870	M	0.08
		1897	H	0.18			1871	M	0.08
			mh	0.16			1872	M	0.08
			M	0.14			1873	M	0.07
			L	0.10			1874	M	0.08
		1898	H	0.17			1875	M	0.07
			M	0.14			1876	M	0.06
			ml	0.12			1877	M	0.07
			L	0.10			1878	H	0.07
		1899	H	0.22				L	0.04
			M	0.16			1879	H	0.08
			ml	0.14				M	0.06
			L	0.10				L	0.04
		1870	H	0.16			1880	M	0.10
			mh	0.14			1881	M	0.06
			M	0.12			1884	H	0.10
			ml	0.10				M	0.07
			L	0.08				L	0.04
		1871	H	0.15			1889	H	0.08
			M	0.10				M	0.06
			L	0.06				L	0.04
		1872	H	0.14	Indiana, . . . lb.		1851	M	0.03
			M	0.12			1852	M	0.03
			ml	0.10			1853	M	0.03
			L	0.06			1854	M	0.03
		1873	H	0.14			1855	M	0.03
			mh	0.12			1856	M	0.03
			M	0.10			1857	M	0.03
			ml	0.08			1858	M	0.04
			L	0.06			1859	M	0.04
		1874	H	0.18			1860	M	0.04
			mh	0.15			1861	M	0.10
			M	0.12			1862	M	0.10
							1863	M	0.10

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Beef (CORNED) — Con.					Beef (CORNED) — Con.				
United States—Con.					United States—Con.				
Indiana, . . . lb.		1864	M	\$0.12 $\frac{1}{2}$	Kansas, . . . lb.		1877	M	\$0.06
		1865	M	0.12 $\frac{1}{2}$			1878	M	0.06
		1866	H	0.12 $\frac{1}{2}$			1879	M	0.06
			L	0.08			1880	M	0.06
		1867	H	0.10	Maine, . . . lb.		1858	M	0.09
			L	0.08			1868	H	0.13
		1868	H	0.10				L	0.16 $\frac{1}{2}$
			L	0.08			1878	H	0.12
		1869	H	0.10				L	0.10
			L	0.08			1887	M	0.10
		1870	H	0.10			1888	M	0.08
			L	0.08			1889	H	0.09
		1871	M	0.06				L	0.06
		1872	H	0.10	Massachusetts, . lb.		1834	M	0.06
			L	0.06			1837	M	0.06
		1873	H	0.10			1851	H	0.08 $\frac{3}{4}$
			L	0.06				L	0.06
		1874	H	0.10			1852	H	0.09
			L	0.08				L	0.06
		1875	H	0.10			1853	H	0.09
			M	0.06				L	0.08
			L	0.04			1854	H	0.09
		1876	H	0.10				L	0.08
			L	0.04			1855	H	0.10
		1877	H	0.10				L	0.07
			L	0.05			1856	H	0.10 $\frac{1}{2}$
		1878	H	0.10				L	0.07
			L	0.05			1857	M	0.10
		1879	H	0.10			1858	H	0.10
			L	0.04				L	0.06 $\frac{1}{2}$
		1880	H	0.10			1859	H	0.10
			L	0.05				L	0.06
Iowa, . . . lb.		1865	H	0.10			1860	H	0.10 $\frac{1}{2}$
			L	0.08				L	0.05
		1866	H	0.10			1861	H	0.10
			L	0.08				L	0.05
		1867	H	0.10			1862	H	0.10
			L	0.08				L	0.05
		1868	M	0.08			1863	H	0.13 $\frac{1}{2}$
		1869	H	0.10				L	0.07
			L	0.08			1864	H	0.15 $\frac{1}{2}$
		1870	H	0.10				M	0.10
			L	0.08				L	0.08
		1871	H	0.10			1865	H	0.19
			L	0.08				M	0.16
		1872	H	0.10				L	0.12
			L	0.08			1866	H	0.18
		1873	H	0.10				M	0.14
			L	0.08				L	0.12
		1874	H	0.10			1867	H	0.16
			L	0.08				L	0.13 $\frac{1}{2}$
		1875	H	0.10			1868	H	0.18
			L	0.08				L	0.14
		1876	H	0.10			1869	H	0.18
			L	0.08				L	0.14
		1877	H	0.10			1870	H	0.17 $\frac{1}{2}$
			L	0.07				M	0.14
		1878	M	0.09				L	0.11 $\frac{3}{4}$
		1879	H	0.09			1871	H	0.14
			L	0.07				M	0.12 $\frac{3}{4}$
		1880	H	0.10				L	0.08
			L	0.08			1872	H	0.14
Kansas, . . . lb.		1871	M	0.06				L	0.08
		1872	M	0.06			1873	H	0.14
		1873	M	0.06				M	0.10 $\frac{1}{2}$
		1874	M	0.06				L	0.08
		1875	M	0.05 $\frac{1}{2}$			1874	H	0.13
		1876	M	0.06				M	0.10

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Beef (CORNERD) — Con.					Beef (CORNERD) — Con.				
United States—Con.					United States—Con.				
Massachusetts, . lb.	1874	L	\$0.08		New Jersey, . lb.	1860	H	\$0.12	
	1875	H	0.13				L	0.08	
		M	0.10			1861	H	0.12	
		L	0.08				L	0.08	
	1876	H	0.12			1862	H	0.13	
		L	0.07				L	0.08	
	1877	H	0.10½			1863	H	0.14	
		L	0.06½				L	0.10	
	1878	H	0.10			1864	H	0.16	
		L	0.07				M	0.14	
	1879	H	0.09				L	0.12	
		L	0.06			1865	H	0.20	
	1880	H	0.10				L	0.18	
		M	0.06			1866	H	0.20	
		L	0.04				L	0.18	
	1885	H	0.10			1867	H	0.18	
		L	0.07				M	0.16	
	1891	H	0.30				L	0.12	
		mh	0.25			1868	H	0.20	
		M	0.16				L	0.16	
		ml	0.10			1869	H	0.20	
		L	0.04				L	0.15	
Michigan, . lb.	1886	H	0.18			1870	H	0.20	
		M	0.15				L	0.11	
		L	0.10			1871	H	0.22	
Missouri, . lb.	1851	M	0.04				M	0.16	
	1853	M	0.04				L	0.14	
	1858	M	0.05			1872	H	0.22	
	1859	M	0.05				L	0.12	
	1860	M	0.05			1873	H	0.20	
	1861	M	0.06				L	0.12	
	1862	M	0.06			1874	H	0.20	
	1863	M	0.06				L	0.12	
	1864	M	0.08			1875	H	0.20	
	1865	M	0.08				L	0.12	
	1866	M	0.08			1876	H	0.18	
	1867	M	0.08				L	0.12	
	1868	M	0.08			1877	H	0.18	
	1869	M	0.07				L	0.12	
	1870	M	0.07			1878	H	0.16	
	1871	M	0.08				L	0.10	
	1872	M	0.08			1879	H	0.16	
	1873	M	0.08				L	0.10	
	1874	M	0.08			1880	H	0.16	
	1875	M	0.08				M	0.12½	
	1876	M	0.08				L	0.10	
	1877	M	0.08		New York, . lb.	1851	H	0.08	
	1878	H	0.07				L	0.04	
		L	0.04			1852	H	0.08	
	1879	M	0.07				L	0.05	
	1880	M	0.07			1853	H	0.08	
New Jersey, . lb.	1851	H	0.08				L	0.05	
		L	0.05			1854	H	0.09	
	1852	H	0.08				L	0.06	
		L	0.05			1855	M	0.09	
	1853	H	0.08			1856	H	0.09	
		L	0.06				L	0.07	
	1854	M	0.08			1857	H	0.10	
	1855	H	0.10				L	0.08	
		L	0.08			1858	M	0.10	
	1856	H	0.10½			1859	M	0.10	
		L	0.08			1860	H	0.08	
	1857	H	0.12				L	0.04	
		L	0.08			1861	H	0.09	
	1858	H	0.12				L	0.06	
		L	0.08			1862	H	0.09	
	1859	H	0.12				L	0.06	
		L	0.08			1863	H	0.09	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Beef (CORNERD)</b> — Con.					<b>Beef (CORNERD)</b> — Con.				
<i>United States-Con.</i>					<i>United States-Con.</i>				
New York, . . . lb.		1863	L	\$0.06	Ohio, . . . lb.		1862	L	\$0.06
		1864	H	0.14			1863	H	0.12
			M	0.11				M	0.10
			L	0.08 $\frac{1}{2}$				L	0.06
		1865	H	0.15			1864	H	0.12 $\frac{1}{2}$
			L	0.09				M	0.10
		1866	H	0.15				L	0.08
			L	0.11			1865	H	0.12
		1867	H	0.14				M	0.10
			M	0.12				L	0.08
			L	0.10			1866	H	0.12
		1868	H	0.12				M	0.10
			L	0.10				L	0.08
		1869	H	0.14			1867	H	0.11
			M	0.12				L	0.08
			L	0.09			1868	H	0.11
		1870	H	0.14				L	0.09
			M	0.11			1869	H	0.11
			L	0.07				L	0.08
		1871	H	0.12			1870	H	0.11
			M	0.10				L	0.08
			L	0.08			1871	H	0.10
		1872	H	0.15				L	0.07
			M	0.12			1872	H	0.10
			ml	0.10				L	0.07
			L	0.07			1873	H	0.10
		1873	H	0.10				L	0.07
			L	0.08			1874	H	0.10
		1874	H	0.11				L	0.07
			L	0.08			1875	H	0.10
		1875	H	0.10				L	0.07
			L	0.08			1876	H	0.10
		1876	M	0.09				M	0.08
		1877	H	0.14				L	0.06
			L	0.08			1877	H	0.10
		1878	H	0.12 $\frac{1}{2}$				M	0.08
			L	0.07				L	0.06
		1879	H	0.12			1878	H	0.10
			M	0.08				M	0.08
			L	0.06				L	0.05
		1880	H	0.12			1879	H	0.10
			L	0.06				M	0.08
		1881	M	0.07				L	0.05
		1882	M	0.09			1880	H	0.10
		1883	M	0.09				M	0.08
		1884	H	0.12				L	0.06
			L	0.08	Pennsylvania, . . lb.		1851	M	0.05
		1885	M	0.08			1852	M	0.05
Ohio, . . . lb.		1851	M	0.06			1853	M	0.05
		1852	M	0.07			1854	M	0.05
		1853	H	0.08			1855	M	0.05
			L	0.06			1856	M	0.05
		1854	H	0.08			1857	M	0.05
			L	0.06			1858	M	0.05
		1855	H	0.08			1859	M	0.05
			L	0.06			1860	M	0.05
		1856	H	0.08			1861	H	0.09
			L	0.06				L	0.05
		1857	M	0.08			1862	H	0.09
		1858	M	0.08				L	0.07
		1859	H	0.08			1863	H	0.10
			L	0.06				L	0.08
		1860	H	0.08			1864	H	0.15
			L	0.06				M	0.12
		1861	H	0.10				L	0.08
			M	0.08			1865	H	0.15
			L	0.05				L	0.08
		1862	H	0.08			1866	H	0.15

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Beef (CORNERD)</b> — Con.					<b>Beef (CORNERD)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Pennsylvania, . . . lb.		1866	L	\$0.08	West Virginia, . . . lb.		1864	M	\$0.10
		1867	H	0.15			1865	M	0.10
			M	0.13			1866	M	0.10
			L	0.10			1867	M	0.10
		1868	H	0.15			1868	M	0.10
			L	0.10			1869	M	0.10
		1869	H	0.15			1870	M	0.10
			L	0.07			1871	M	0.08
		1870	H	0.15			1872	M	0.08
			M	0.13			1873	M	0.08
			L	0.07			1874	M	0.08
		1871	H	0.13			1875	M	0.08
			L	0.07			1876	M	0.08
		1872	H	0.12 $\frac{1}{2}$			1877	M	0.08
			L	0.07			1878	M	0.08
		1873	H	0.12 $\frac{1}{2}$			1879	M	0.08
			L	0.07			1880	M	0.08
		1874	H	0.14	Wisconsin, . . . lb.		1880	H	0.12
			M	0.10				M	0.10
			L	0.06				L	0.07
		1875	H	0.15			1881	H	0.11
			mh	0.12				M	0.09
			M	0.10				L	0.07
			L	0.06			1882	H	0.12
		1876	H	0.15				M	0.10
			M	0.08				L	0.07
			L	0.06			1883	H	0.14
		1877	H	0.15				mh	0.12
			mh	0.12				M	0.10
			M	0.08				L	0.07
			L	0.06			1884	H	0.14
		1878	H	0.15				mh	0.12
			M	0.11				M	0.09
			L	0.06				L	0.07
		1879	H	0.15	<i>Foreign Countries.</i>				
			M	0.12	Belgium, . . . lb.		1878	M	0.16
			L	0.06			1879	M	0.16
		1880	H	0.15			1884	M	0.16
			M	0.12	Canada, . . . lb.		1882	H	0.10
			L	0.06				L	0.08
		1884	H	0.30	England, . . . lb.		1873	H	0.18
			mh	0.25				L	0.16
			M	0.18			1878	H	0.22
			ml	0.14				M	0.18
			L	0.08				L	0.16
Tennessee, . . . lb.		1871	M	0.08			1879	M	0.18
		1872	M	0.10			1882	H	0.18
		1873	M	0.10				L	0.16
		1874	M	0.10			1884	M	0.18
		1875	M	0.10	France, . . . lb.		1878	M	0.16
		1876	M	0.10			1879	M	0.16
		1877	M	0.09			1884	M	0.16
		1878	M	0.09	Germany, . . . lb.		1878	H	0.18
		1879	M	0.08				L	0.13
		1880	M	0.08			1879	M	0.13
West Virginia, . . . lb.		1851	M	0.08			1884	M	0.13
		1852	M	0.08	Guiana, . . . lb.		1889	M	0.12
		1853	M	0.08	Ireland, . . . lb.		1884	M	0.15
		1854	M	0.08	Italy, . . . lb.		1878	M	0.12
		1855	M	0.08			1879	M	0.12
		1856	M	0.08			1884	M	0.12
		1857	M	0.08			1887	M	0.09
		1858	M	0.08	Scotland, . . . lb.		1878	M	0.20
		1859	M	0.08			1879	M	0.20
		1860	M	0.08			1884	M	0.20
		1861	M	0.10	Spain, . . . lb.		1878	M	0.18
		1862	M	0.10			1879	M	0.18
		1863	M	0.10					



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Beef (CORNEO)</b> — Con.					<b>Beef (ROASTING PIECES) — Con.</b>				
<i>Foreign Countries</i> — Con.					<i>United States—Con.</i>				
Switzerland, . . lb.		1878	M	\$0.18	Connecticut, . . lb.		1870	L	\$0.20
		1879	M	0.18			1871	H	0.25
		1884	M	0.18				M	0.22
								L	0.16
<b>Beef (ROASTING PIECES).</b>							1872	H	0.25
<i>United States.</i>								mh	0.22
California, . . lb.		1884	H	0.15				M	0.20
			L	0.12				ml	0.16
		1886	H	0.21			1873	L	0.12
			L	0.13				H	0.25
		1888	M	0.15				mh	0.22
Colorado, . . lb.		1888	H	0.17½				M	0.20
			mh	0.14			1874	L	0.15
			M	0.12				H	0.25
			ml	0.10				mh	0.20
			L	0.08				M	0.16
Connecticut, . . lb.		1851	M	0.08			1875	ml	0.13
		1852	M	0.07				L	0.10
		1853	M	0.09				H	0.25
		1854	H	0.14				mh	0.20
			M	0.12				M	0.18
			L	0.08				ml	0.16
		1855	H	0.14			1876	L	0.14
			L	0.12				H	0.22
		1856	H	0.14			1877	L	0.16
			M	0.12				M	0.22
			L	0.10				H	0.18
		1857	H	0.14			1878	L	0.15
			M	0.12				M	0.20
			L	0.10				L	0.18
		1858	H	0.14			1879	M	0.16
			M	0.12				ml	0.14
			L	0.09				L	0.18
		1859	H	0.14			1880	M	0.16
			M	0.12				L	0.14
			L	0.09				H	0.18
		1860	H	0.14			1887	L	0.16
			M	0.12				H	0.18
			L	0.10			1888	M	0.18½
		1861	H	0.16	Illinois, . . lb.		1860	M	0.08
			L	0.10			1861	M	0.08
		1862	H	0.16			1862	H	0.15
			M	0.14				L	0.08
			L	0.10			1863	H	0.15
		1863	H	0.18				L	0.08
			M	0.15			1864	H	0.15
			L	0.12½				L	0.08
		1864	H	0.22			1865	M	0.15
			M	0.20			1866	M	0.15
			L	0.18			1867	M	0.15
		1865	H	0.22			1868	M	0.15
			L	0.18			1869	M	0.15
		1866	H	0.22			1870	M	0.12½
			L	0.20			1871	M	0.12½
		1867	H	0.25			1872	H	0.15
			M	0.22				L	0.12½
			L	0.20			1873	H	0.15
		1868	H	0.25				L	0.12½
			M	0.22			1874	H	0.15
			L	0.20				L	0.12½
		1869	H	0.25			1875	H	0.15
			M	0.22				L	0.12½
			L	0.20			1876	H	0.15
		1870	H	0.25				L	0.12½
			M	0.22			1877	M	0.12½

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Beef (ROASTING PIECES) — Con.					Beef (ROASTING PIECES) — Con.				
United States—Con.					United States—Con.				
Illinois, . . . lb.		1878	H	\$0.12 $\frac{1}{2}$	Iowa, . . . lb.		1865	M	\$0.12
			L	0.08			1866	M	0.12
		1879	H	0.12 $\frac{1}{2}$			1867	M	0.12
			M	0.10			1868	M	0.12
			L	0.08			1869	M	0.12
		1880	H	0.12 $\frac{1}{2}$			1870	M	0.12
			L	0.10			1871	M	0.10
		1881	H	0.15			1872	M	0.10
			L	0.10			1873	M	0.10
		1884	H	0.17			1874	M	0.12
			mh	0.14			1875	M	0.10
			M	0.12 $\frac{1}{2}$			1876	M	0.10
			ml	0.10			1877	M	0.10
			L	0.08			1878	M	0.10
		1885	H	0.15			1879	M	0.12
			M	0.12 $\frac{1}{2}$			1880	M	0.11
			L	0.08 $\frac{1}{2}$			1885	H	0.12 $\frac{1}{2}$
		1888	M	0.11				M	0.10
		1889	H	0.15				L	0.08
			mh	0.12 $\frac{1}{2}$			1887	H	0.13
			M	0.10				mh	0.11
			ml	0.08				M	0.09
			L	0.06				ml	0.07
Indiana, . . . lb.		1851	M	0.08				L	0.05 $\frac{1}{2}$
		1852	M	0.08			1888	M	0.10
		1854	H	0.10	Kansas, . . . lb.		1871	M	0.09
			L	0.08			1872	M	0.09
		1855	H	0.10			1873	M	0.09
			L	0.08			1874	M	0.09
		1856	H	0.10			1875	M	0.08
			L	0.08			1876	M	0.09
		1858	M	0.10			1877	M	0.09
		1859	M	0.10			1878	M	0.09
		1860	H	0.12			1879	M	0.09
			L	0.10			1880	M	0.09
		1861	M	0.07 $\frac{1}{2}$			1888	M	0.10
		1862	M	0.07 $\frac{1}{2}$	Maine, . . . lb.		1858	H	0.12 $\frac{1}{2}$
		1863	M	0.12 $\frac{1}{2}$				L	0.10
		1864	M	0.15			1868	H	0.28
		1865	M	0.15				L	0.23
		1866	H	0.15			1878	H	0.18
			L	0.12 $\frac{1}{2}$				L	0.12 $\frac{1}{2}$
		1867	H	0.15			1888	H	0.16
			M	0.12 $\frac{1}{2}$				L	0.14
			L	0.09			1889	H	0.18
		1868	H	0.15				M	0.12
			L	0.12 $\frac{1}{2}$				L	0.10
		1869	H	0.15	Maryland, . . . lb.		1882	H	0.22
			L	0.12 $\frac{1}{2}$				L	0.12
		1870	H	0.15			1885	H	0.18
			L	0.12 $\frac{1}{2}$				L	0.12
		1871	M	0.12 $\frac{1}{2}$	Massachusetts, . lb.		1851	H	0.14
		1872	M	0.12 $\frac{1}{2}$				M	0.12
		1873	M	0.12 $\frac{1}{2}$				L	0.10
		1874	M	0.12 $\frac{1}{2}$			1852	H	0.14
		1875	H	0.12 $\frac{1}{2}$				L	0.10
			L	0.10			1853	H	0.14
		1876	H	0.12 $\frac{1}{2}$				L	0.10
			L	0.10			1854	H	0.17
		1877	H	0.12				M	0.14
			L	0.10				L	0.10
		1878	H	0.12			1855	H	0.15 $\frac{1}{2}$
			L	0.10				M	0.13
		1879	H	0.12				L	0.11
			L	0.10			1856	H	0.19 $\frac{1}{2}$
		1880	H	0.12				M	0.17
			L	0.10				L	0.13 $\frac{1}{2}$
		1888	M	0.13 $\frac{1}{2}$			1857	H	0.17

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Beef (ROASTING PIECES) — Con.					Beef (ROASTING PIECES) — Con.				
United States—Con.					United States—Con.				
Massachusetts, . lb.		1857	L	\$0.12	Massachusetts, . lb.	1876	M	\$0.20	
		1858	H	0.17			ml	0.13	
			M	0.14			L	0.10	
			L	0.12		1877	H	0.22	
		1859	H	0.18			M	0.20	
			mh	0.16			L	0.10	
			M	0.12		1878	H	0.25	
			ml	0.10			M	0.20	
			L	0.05 $\frac{1}{2}$			ml	0.14 $\frac{1}{2}$	
		1860	H	0.18			L	0.10	
			mh	0.16		1879	H	0.20	
			M	0.12			L	0.10	
			L	0.05		1880	H	0.25	
		1861	H	0.18			mh	0.20	
			M	0.10			M	0.16	
			ml	0.07			ml	0.12	
			L	0.05			L	0.08	
		1862	H	0.18		1885	H	0.22	
			M	0.10			mh	0.18	
			ml	0.07			M	0.15	
			L	0.05			ml	0.12	
		1863	H	0.22 $\frac{1}{2}$			L	0.08	
			M	0.16		1888	M	0.20	
			L	0.07 $\frac{1}{2}$		1891	H	0.30	
		1864	H	0.28 $\frac{1}{2}$			mh	0.25	
			M	0.16			M	0.18	
			L	0.08			ml	0.12	
		1865	H	0.35			L	0.06	
			M	0.25	Michigan, . . lb.	1885	H	0.17	
			ml	0.16			mh	0.14	
			L	0.12 $\frac{1}{2}$			M	0.11	
		1866	H	0.36 $\frac{1}{2}$			ml	0.08	
			M	0.28			L	0.05 $\frac{1}{2}$	
			ml	0.16		1886	H	0.25	
			L	0.12			L	0.20	
		1867	H	0.29		1888	M	0.11 $\frac{1}{2}$	
			M	0.25	Minnesota, . . lb.	1888	M	0.13	
			L	0.16		1890	H	0.12 $\frac{1}{2}$	
		1868	H	0.30 $\frac{3}{4}$			L	0.08	
			mh	0.28 $\frac{1}{2}$	Missouri, . . . lb.	1851	M	0.04	
			M	0.25		1853	M	0.04	
			L	0.16		1854	M	0.05	
		1869	H	0.30		1856	M	0.06	
			M	0.25		1857	M	0.05	
			L	0.16		1858	H	0.06	
		1870	H	0.30			L	0.04	
			M	0.25		1859	M	0.06	
			L	0.16		1860	M	0.06	
		1871	H	0.28 $\frac{1}{2}$		1861	M	0.07	
			mh	0.25		1862	M	0.07	
			M	0.20		1863	M	0.07	
			L	0.10		1864	M	0.10	
		1872	H	0.28		1865	M	0.10	
			mh	0.25		1866	M	0.10	
			M	0.20		1867	M	0.10	
			L	0.10		1868	M	0.10	
		1873	H	0.25		1869	M	0.08	
			M	0.20		1870	M	0.08	
			L	0.10		1871	M	0.08	
		1874	H	0.25		1872	M	0.08	
			M	0.20		1873	M	0.08	
			ml	0.15		1874	M	0.08	
			L	0.10		1875	M	0.08	
		1875	H	0.25		1876	M	0.08	
			M	0.20		1877	M	0.08	
			ml	0.15		1878	H	0.10	
			L	0.10			L	0.06	
		1876	H	0.25		1879	M	0.07	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Beef (ROASTING PIECES) — Con.</b>					<b>Beef (ROASTING PIECES) — Con.</b>				
<i>United States-Con.</i>					<i>United States-Con.</i>				
Missouri, . . . lb.		1880	M	\$0.08	New Jersey, . . . lb.		1882	mh	\$0.22
		1884	H	0.20				M	0.13
			mh	0.17				ml	0.12
			M	0.13 $\frac{1}{2}$			1884	H	0.10
			ml	0.11				H	0.22
			L	0.08				L	0.16
		1889	H	0.10			1885	H	0.22
			L	0.08				L	0.16
Nebraska, . . . lb.		1888	M	0.15			1886	H	0.20
New Jersey, . . . lb.		1851	M	0.12 $\frac{1}{2}$				mh	0.17
		1852	M	0.12 $\frac{1}{2}$				M	0.14
		1853	M	0.12 $\frac{1}{2}$				ml	0.10
		1854	M	0.14				L	0.06
		1855	M	0.15	New York, . . . lb.		1851	H	0.12 $\frac{1}{2}$
		1856	H	0.17				L	0.10
			L	0.14			1852	H	0.12 $\frac{1}{2}$
		1857	H	0.18				L	0.10
			L	0.14			1853	H	0.12 $\frac{1}{2}$
		1858	H	0.18				L	0.10
			L	0.14			1854	H	0.15
		1859	H	0.18				L	0.11
			L	0.14			1855	H	0.14
		1860	H	0.18				L	0.12
			L	0.14			1856	H	0.15
		1861	H	0.17				M	0.12
			L	0.14				L	0.10
		1862	H	0.16			1857	H	0.13
			L	0.14				M	0.14
		1863	H	0.18				L	0.10
			L	0.16			1858	H	0.14
		1864	H	0.25				L	0.12
			L	0.20			1859	H	0.16
		1865	H	0.35				M	0.14
			L	0.25				L	0.12
		1866	H	0.35			1860	H	0.14
			L	0.28				L	0.12
		1867	H	0.30			1861	M	0.10
			M	0.25			1862	H	0.14
			L	0.23				L	0.10
		1868	H	0.30			1863	H	0.16
			L	0.28				L	0.10
		1869	H	0.30			1864	H	0.22
			M	0.25				L	0.15
			L	0.23			1865	H	0.28
		1870	H	0.33				M	0.18
			L	0.25				ml	0.15
		1871	H	0.28				L	0.13
			L	0.24			1866	H	0.25
		1872	H	0.28				M	0.20
			L	0.25				L	0.15
		1873	H	0.28			1867	H	0.20
			L	0.25				M	0.18
		1874	H	0.25				L	0.15
			M	0.23			1868	H	0.20
			L	0.20				M	0.13
		1875	H	0.25				L	0.15
			L	0.23			1869	H	0.25
		1876	H	0.25				M	0.20
			L	0.23				L	0.15
		1877	M	0.22			1870	H	0.18
		1878	H	0.22				L	0.15
			M	0.20			1871	H	0.18
			L	0.16				L	0.16
		1879	M	0.22			1872	H	0.20
		1880	H	0.22				M	0.13
			M	0.18				L	0.16
			L	0.16			1873	H	0.20
		1882	H	0.25				M	0.18

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Beef (ROASTING PIECES) — Con.</b>					<b>Beef (ROASTING PIECES) — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
New York, . . . lb.		1873	L	\$0.14	Ohio, . . . lb.		1867	H	\$0.15
		1874	H	0.18				L	0.12
			L	0.15 $\frac{3}{4}$			1868	H	0.15
		1875	H	0.18				M	0.12
			L	0.16				L	0.10
		1876	M	0.16			1869	H	0.15
		1877	H	0.18				M	0.12 $\frac{1}{2}$
			M	0.16				L	0.10
			L	0.14			1870	H	0.15
		1878	H	0.16				M	0.12 $\frac{1}{2}$
			M	0.14				L	0.10
			L	0.12			1871	H	0.15
		1879	H	0.16				M	0.12 $\frac{1}{2}$
			M	0.14				L	0.10
			L	0.12			1872	H	0.15
		1880	H	0.16				M	0.12 $\frac{1}{2}$
			L	0.12 $\frac{1}{2}$				L	0.10
		1882	H	0.25 $\frac{1}{2}$			1873	H	0.15
			mh	0.20				M	0.12 $\frac{1}{2}$
			M	0.16				L	0.10
			ml	0.14			1874	H	0.15
			L	0.10				M	0.12 $\frac{1}{2}$
		1884	H	0.25				L	0.10
			M	0.16			1875	H	0.15
			L	0.10				M	0.12 $\frac{1}{2}$
		1885	H	0.25				L	0.10
			L	0.10			1876	H	0.12 $\frac{1}{2}$
Ohio, . . . lb.		1851	H	0.08				L	0.10
			L	0.05			1877	H	0.12 $\frac{1}{2}$
		1852	H	0.08				L	0.10
			L	0.05			1878	H	0.12 $\frac{1}{2}$
		1853	H	0.09				L	0.09
			L	0.06			1879	H	0.12 $\frac{1}{2}$
		1854	H	0.08				M	0.10
			L	0.06				L	0.08
		1855	H	0.10			1880	H	0.12 $\frac{1}{2}$
			M	0.08				M	0.10
			L	0.06				L	0.08
		1856	H	0.10			1885	H	0.18
			L	0.07				L	0.08
		1857	H	0.10			1887	H	0.18
			L	0.07				mh	0.14
		1858	H	0.10				M	0.12
			L	0.07				ml	0.10
		1859	H	0.10				L	0.08
			L	0.08			1888	M	0.12 $\frac{1}{2}$
		1860	H	0.10	Pennsylvania, . . lb.		1851	M	0.06
			L	0.08			1852	M	0.06
		1861	H	0.15			1853	M	0.06
			M	0.10			1854	M	0.06
			ml	0.08			1855	M	0.06
			L	0.06			1856	M	0.06
		1862	H	0.10			1857	M	0.06
			L	0.08			1858	M	0.06
		1863	H	0.17			1859	M	0.06
			M	0.12 $\frac{1}{2}$			1860	M	0.06
			ml	0.10			1861	H	0.12 $\frac{1}{2}$
			L	0.08				M	0.10
		1864	H	0.17				L	0.06
			mh	0.15			1862	H	0.12 $\frac{1}{2}$
			M	0.12 $\frac{1}{2}$				M	0.10
			L	0.10				L	0.08
		1865	H	0.17			1863	H	0.15
			M	0.12 $\frac{1}{2}$				M	0.12
			L	0.10				L	0.10
		1866	H	0.17			1864	H	0.18
			M	0.12 $\frac{1}{2}$				L	0.14
			L	0.10			1865	H	0.18



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Beef (ROASTING PIECES) — Con.</b>					<b>Beef (ROASTING PIECES) — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Pennsylvania, . . lb.		1865	L	\$0.15	Tennessee, . . lb.		1878	M	\$0.10
		1866	H	0.18			1879	M	0.10
			L	0.15			1880	M	0.10
		1867	H	0.18					
			M	0.16	United States (not specified), . . lb.		1881	M	0.12
			L	0.12 $\frac{1}{2}$	West Virginia, . lb.		1851	M	0.09
		1868	H	0.18			1852	M	0.09
			M	0.16			1853	M	0.09
			L	0.14			1854	M	0.09
		1869	H	0.18			1855	M	0.09
			M	0.16			1856	M	0.09
			L	0.14			1857	M	0.09
		1870	H	0.18			1858	M	0.09
			M	0.15			1859	M	0.09
			L	0.12 $\frac{1}{2}$			1860	M	0.08
		1871	H	0.16			1861	M	0.12
			L	0.12 $\frac{1}{2}$			1862	M	0.12
		1872	H	0.16			1863	M	0.12
			L	0.12 $\frac{1}{2}$			1864	M	0.12
		1873	H	0.16			1865	M	0.12
			L	0.12 $\frac{1}{2}$			1866	M	0.12
		1874	H	0.17			1867	M	0.12
			M	0.14			1868	M	0.12
			L	0.12 $\frac{1}{2}$			1869	M	0.12
		1875	H	0.18			1870	M	0.12
			M	0.14			1871	M	0.10
			L	0.12 $\frac{1}{2}$			1872	M	0.10
		1876	H	0.14			1873	M	0.10
			L	0.12 $\frac{1}{2}$			1874	M	0.10
		1877	M	0.13			1875	M	0.10
		1878	H	0.12 $\frac{1}{2}$			1876	M	0.10
			L	0.10			1877	M	0.10
		1879	H	0.12 $\frac{1}{2}$			1878	M	0.10
			L	0.10			1879	M	0.10
		1880	H	0.22			1880	M	0.10
			mh	0.16	Wisconsin, . . lb.		1880	H	0.15
			M	0.12				M	0.12
			ml	0.08				ml	0.10
			L	0.04				L	0.08
		1881	H	0.18			1881	H	0.16
			mh	0.14				mh	0.14
			M	0.12				M	0.12
			ml	0.10				ml	0.09
			L	0.08				L	0.07
		1882	H	0.25			1882	H	0.20
			mh	0.20				mh	0.16
			M	0.17				M	0.12
			ml	0.13				ml	0.10
			L	0.09				L	0.06
		1884	H	0.22			1883	H	0.16
			mh	0.18				M	0.14
			M	0.15				ml	0.10
			ml	0.12				L	0.08
			L	0.09			1884	H	0.13
		1885	H	0.18				mh	0.16
			mh	0.15				M	0.14
			M	0.13				ml	0.12
			ml	0.10				L	0.08
			L	0.08					
		1888	M	0.16	<i>Foreign Countries.</i>				
Rhode Island, . . lb.		1888	M	0.16	Africa, . . . lb.		1882	M	0.15
Tennessee, . . lb.		1871	M	0.15	Alsace-Lorraine, . lb.		1882	M	0.14
		1872	M	0.15	Australia, . . lb.		1837	M	0.09
		1873	M	0.15			1840	M	0.09
		1874	M	0.12			1841	M	0.09
		1875	M	0.12			1854	M	0.09
		1876	M	0.12			1855	M	0.12
		1877	M	0.10			1858	M	0.08

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Beef (ROASTING PIECES) — Con.</b>					<b>Beef (ROASTING PIECES) — Con.</b>				
<i>Foreign Countries</i> — Con.					<i>Foreign Countries</i> — Con.				
Australia, . . . lb.		1859	M	\$0.08	France, . . . lb.		1873	H	\$0.22½
		1860	M	0.08				L	0.20
		1862	M	0.09			1874	H	0.21
		1863	M	0.08½				L	0.19
		1864	M	0.08			1875	H	0.21½
		1874	M	0.08				L	0.19½
		1876	M	0.11			1876	H	0.22½
		1877	M	0.09				L	0.20
		1878	H	0.12			1877	H	0.22½
			L	0.08				L	0.19½
		1879	M	0.08			1878	H	0.24
		1881	H	0.16				M	0.22
			L	0.08				L	0.20
		1882	M	0.09			1879	M	0.22
		1883	M	0.08			1880	M	0.24
		1884	M	0.09			1882	H	0.45
		1885	H	0.16				mh	0.40
			L	0.09				M	0.30
		1886	M	0.09				ml	0.24
		1887	M	0.08				L	0.20
		1888	M	0.09			1884	H	0.30
Austria, . . . lb.		1878	M	0.13				L	0.22
		1884	H	0.16			1885	H	0.30
			L	0.10				L	0.24
		1885	M	0.10			1889	H	0.28
Baden, . . . lb.		1882	M	0.14				L	0.22
Bavaria, . . . lb.		1882	H	0.14	Germany, . . . lb.		1870	M	0.14
			L	0.11½			1875	H	0.16
Belgium, . . . lb.		1878	H	0.20				L	0.13
			L	0.16			1876	M	0.21½
		1879	M	0.20			1877	H	0.20
		1882	H	0.20				M	0.18
			L	0.16				L	0.14
		1884	H	0.20			1878	H	0.25
			M	0.17				mh	0.22
			L	0.15				M	0.18½
		1885	H	0.17				ml	0.16
			L	0.15				L	0.14
Bohemia, . . . lb.		1885	M	0.09½			1879	M	0.22
Brazil, . . . lb.		1882	H	0.14			1880	M	0.18
			L	0.07			1881	M	0.18
Canada, . . . lb.		1878	M	0.10			1882	M	0.22
		1882	H	0.15			1883	M	0.18
			M	0.13			1884	H	0.40
			L	0.10				M	0.30
		1887	M	0.12½				ml	0.22
China, . . . lb.		1889	M	0.12				L	0.17
England, . . . lb.		1873	M	0.22			1885	H	0.40
			H	0.32				M	0.24
			mh	0.24				ml	0.20
			M	0.22				L	0.17
			ml	0.18			1887	H	0.20
			L	0.15				L	0.17
		1881	M	0.20			1888	M	0.17
		1882	H	0.25			1889	M	0.18
			mh	0.22	Gulana, . . . lb.		1889	M	0.15
			M	0.18	Hawaiian Islands, . lb.		1881	M	0.10
			L	0.13	Hesse, . . . lb.		1882	M	0.14
		1883	H	0.25			1885	M	0.14
			mh	0.22			1887	M	0.14½
			M	0.18			1888	M	0.15½
			ml	0.14	Holland, . . . lb.		1882	H	0.25½
			L	0.12				L	0.18
		1884	H	0.22			1884	H	0.29
			L	0.14				M	0.24
		1885	H	0.20				L	0.15
			L	0.14			1885	H	0.29

GRADED PRICES—Continued.

ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.								MEATS AND GAME — Con.							
Beef (ROASTING PIECES) — Con.								Beef (SOUP PIECES).							
Foreign Countries — Con.								United States.							
Holland, . . .	lb.	1885	L	\$0.15	California, . . .	lb.	1884	H	\$0.10						
Ireland, . . .	lb.	1884	H	0.28				L	0.06						
			L	0.18				M	0.03½						
Italy, . . .	lb.	1878	H	0.21	Connecticut, . . .	lb.	1851	M	0.04						
			M	0.18				M	0.04						
			L	0.15				M	0.04						
		1882	H	0.20				H	0.08						
			L	0.15				L	0.03						
		1884	H	0.30				H	0.08						
			L	0.22½				L	0.03						
		1889	H	0.25				H	0.08						
			M	0.20				L	0.03						
			L	0.17				H	0.08						
Japan, . . .	lb.	1880	H	0.18				L	0.03						
			L	0.12				H	0.08						
Mexico, . . .	lb.	1881	M	0.18				L	0.03						
		1882	H	0.25				H	0.08						
			L	0.12½				L	0.03						
		1883	H	0.12½				H	0.08						
			M	0.10				L	0.10						
			L	0.08				L	0.03						
New Zealand, .	lb.	1889	M	0.08				H	0.10						
Prussia, . . .	lb.	1878	H	0.20				L	0.03						
			L	0.14				H	0.12						
		1882	H	0.19				M	0.06						
			L	0.14				L	0.03						
		1884	H	0.20				H	0.12						
			L	0.17				M	0.08						
		1885	H	0.20				ml	0.06						
			L	0.17				L	0.04						
Saxony, . . .	lb.	1878	H	0.24				H	0.12						
			L	0.18				M	0.08						
		1882	H	0.16				ml	0.06						
			L	0.14½				L	0.04						
Scotland, . . .	lb.	1878	H	0.24				H	0.12						
			M	0.22				L	0.05						
			L	0.16				H	0.12						
		1879	H	0.24				M	0.10						
			M	0.22				L	0.05						
			L	0.16				H	0.12						
		1883	H	0.24				mh	0.10						
			L	0.14				M	0.08						
		1884	H	0.24				L	0.06						
			M	0.22				H	0.12						
			L	0.16				M	0.09						
Sielly, . . .	lb.	1878	M	0.15				L	0.06						
		1889	M	0.30				H	0.10						
Spain, . . .	lb.	1878	H	0.20				M	0.07						
			L	0.18				L	0.04						
		1879	M	0.18				H	0.08						
		1884	M	0.18				M	0.06						
Switzerland, . .	lb.	1878	H	0.30				L	0.03						
			L	0.18				H	0.09						
		1879	M	0.30				M	0.06						
		1882	M	0.18				L	0.03						
		1884	H	0.30				H	0.09						
			L	0.18				M	0.06						
		1885	M	0.18				L	0.03						
United States of Colombia, . . .	lb.	1883	H	0.20				H	0.15						
			M	0.12½				mh	0.12						
			L	0.10				M	0.09						
West Indies, . .	lb.	1881	H	0.60				ml	0.06						
			M	0.20				L	0.03						
			L	0.16				H	0.16						
		1889	M	0.14				mh	0.12						
Wurtemberg, . .	lb.	1882	H	0.15½				ml	0.06						
			L	0.14				L	0.03						

## GRADED PRICES—Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> —Con.					<b>MEATS AND GAME</b> —Con.				
<b>Beef (SOUP PIECES)—Con.</b>					<b>Beef (SOUP PIECES)—Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Connecticut, . . . lb.		1876	H	\$0.08	Indiana, . . . lb.		1868	L	\$0.08
			M	0.06			1869	H	0.10
			L	0.03				L	0.08
		1877	H	0.08			1870	H	0.10
			M	0.05				L	0.08
			L	0.03			1871	M	0.07½
		1878	H	0.08			1872	M	0.07½
			M	0.05			1873	M	0.07½
			L	0.03			1874	M	0.07½
		1879	H	0.08			1875	H	0.07½
			M	0.05				L	0.05
			L	0.03			1876	H	0.08
		1880	H	0.08				L	0.05
			M	0.05			1877	H	0.07
			L	0.03				L	0.05
Illinois, . . . lb.		1860	M	0.05			1878	H	0.07
		1861	M	0.05				L	0.05
		1862	M	0.05			1879	H	0.07
		1863	M	0.05				L	0.05
		1864	M	0.05			1880	H	0.07
		1865	M	0.10				L	0.05
		1866	M	0.10	Iowa, . . . lb.		1865	M	0.08
		1867	M	0.10			1866	M	0.08
		1868	M	0.10			1867	M	0.08
		1869	M	0.08			1868	M	0.08
		1870	M	0.08			1869	M	0.08
		1871	M	0.07			1870	M	0.08
		1872	M	0.08			1871	M	0.08
		1873	M	0.07			1872	M	0.08
		1874	M	0.07			1873	M	0.08
		1875	M	0.07			1874	M	0.08
		1876	M	0.07			1875	M	0.08
		1877	M	0.07			1876	M	0.07
		1878	H	0.08			1877	M	0.06
			L	0.04			1878	M	0.06
		1879	H	0.08			1879	M	0.06
			L	0.05			1880	M	0.07
		1880	H	0.10			1885	M	0.07½
			L	0.08	Kansas, . . . lb.		1871	M	0.05
		1881	M	0.08			1872	M	0.05
		1884	H	0.15			1873	M	0.05
			mh	0.12			1874	M	0.05
			M	0.10			1875	M	0.04
			ml	0.07			1876	M	0.05
			L	0.04			1877	M	0.05
		1885	M	0.06			1878	M	0.05
		1889	H	0.06			1879	M	0.05
			L	0.03			1880	M	0.06
Indiana, . . . lb.		1851	M	0.04	Massachusetts, . lb.		1830	H	0.10
		1852	M	0.04				M	0.06
		1853	M	0.04				L	0.03
		1854	M	0.04			1831	H	0.09
		1855	M	0.04				L	0.05
		1856	M	0.04			1832	H	0.09
		1857	M	0.04				L	0.06
		1858	M	0.04			1833	H	0.10
		1859	H	0.05				L	0.04
			L	0.03			1834	H	0.09
		1860	H	0.05				L	0.06
			L	0.03			1835	H	0.08
		1861	M	0.06				L	0.05
		1864	M	0.10			1836	H	0.11
		1865	M	0.10				L	0.08
		1866	H	0.10			1837	H	0.10
			L	0.08				L	0.03
		1867	H	0.10			1838	H	0.12
			L	0.08				L	0.08
		1868	H	0.10			1840	H	0.10

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Beef (SOUP PIECES) — Con.					Beef (SOUP PIECES) — Con.				
United States—Con.					United States—Con.				
Massachusetts, . . lb.		1840	L	\$0.06	Missouri, . . . lb.		1858	H	\$0.05
		1841	M	0.11				L	0.03
		1842	H	0.08			1859	M	0.05
			L	0.05			1860	M	0.05
		1843	H	0.10			1861	M	0.06
			L	0.06			1862	M	0.06
		1844	H	0.10			1863	M	0.06
			L	0.06			1864	M	0.08
		1845	H	0.11			1865	M	0.08
			L	0.06			1866	M	0.08
		1846	H	0.11			1867	M	0.08
			L	0.06			1868	M	0.08
		1847	H	0.12			1869	M	0.07
			L	0.08			1870	M	0.07
		1848	M	0.08			1871	M	0.07
		1849	H	0.12			1872	M	0.07
			L	0.09			1873	M	0.07
		1850	H	0.11			1874	M	0.07
			L	0.06			1875	M	0.07
		1853	M	0.08			1876	M	0.07
		1855	M	0.07			1877	M	0.07
		1860	M	0.03			1878	H	0.06
		1861	M	0.03				L	0.04
		1862	M	0.03			1879	M	0.06
		1863	M	0.03			1880	M	0.06
		1864	M	0.04			1884	H	0.07½
		1865	M	0.08				M	0.05
		1866	M	0.08				L	0.03
		1867	H	0.14			1889	H	0.10
			M	0.08				L	0.06½
			L	0.05	New Jersey, . . lb.		1851	H	0.06½
		1868	H	0.14				L	0.03
			M	0.08			1852	H	0.06½
			L	0.05				L	0.03
		1869	H	0.12			1853	H	0.06½
			M	0.10				L	0.03
			L	0.05			1854	M	0.06½
		1870	H	0.10			1855	H	0.08
			M	0.08				L	0.05
			L	0.05			1856	H	0.08
		1871	H	0.06				L	0.05
			L	0.04			1857	H	0.08
		1872	M	0.05				L	0.06
		1873	M	0.05			1858	H	0.08
		1874	M	0.05				L	0.06
		1875	H	0.06½			1859	H	0.08
			L	0.04				L	0.06
		1876	H	0.05			1860	H	0.08
			L	0.03				L	0.06
		1877	M	0.04			1861	H	0.08
		1878	H	0.05½				L	0.06
			L	0.03			1862	H	0.08
		1879	M	0.04				L	0.05
		1880	H	0.06			1863	H	0.08
			L	0.03				L	0.06
		1885	H	0.06			1864	H	0.14
			L	0.03				L	0.08
		1891	H	0.15			1865	H	0.16
			mh	0.12				L	0.10
			M	0.08			1866	H	0.16
			ml	0.05				L	0.12
			L	0.02			1867	H	0.14
Michigan, . . . lb.		1879	M	0.04½				M	0.12
		1886	M	0.08				L	0.10
Minnesota, . . lb.		1890	H	0.06			1868	M	0.12
			L	0.03			1869	H	0.14
Missouri, . . . lb.		1854	M	0.08½				L	0.12
		1857	M	0.03			1870	M	0.12



## GRADED PRICES—Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Beef (SOUP PIECES) — Con.					Beef (SOUP PIECES) — Con.				
United States—Con.					United States—Con.				
New Jersey, . . . lb.		1871	H	\$0.12	New York, . . . lb.		1872	M	\$0.10
			L	0.10				L	0.08
		1872	M	0.12			1873	H	0.10
		1873	H	0.12				L	0.07
			L	0.08			1874	H	0.10
		1874	H	0.10				L	0.08
			L	0.08			1875	M	0.09
		1875	H	0.10			1876	H	0.10
			L	0.08				L	0.08
		1876	H	0.10			1877	H	0.12
			L	0.08				L	0.08
		1877	H	0.23			1878	H	0.08
			M	0.10				L	0.06
			L	0.08			1879	H	0.08
		1878	H	0.16				L	0.06
			M	0.12			1880	H	0.08
			ml	0.10				L	0.06
			L	0.08			1882	M	0.08
		1879	H	0.10			1884	H	0.08
			L	0.08				L	0.06
		1880	H	0.10	Ohio, . . . lb.		1851	H	0.06
			L	0.08				L	0.03
		1882	M	0.08			1852	H	0.06
		1886	H	0.12				L	0.03
			mh	0.10			1853	H	0.06
			M	0.07				L	0.03
			ml	0.05			1854	H	0.06
			L	0.03				L	0.03
New York, . . . lb.		1851	H	0.06			1855	H	0.07
			L	0.04				M	0.05
		1852	H	0.06				L	0.03
			L	0.04			1856	H	0.07
		1853	H	0.07				L	0.04
			L	0.05			1857	H	0.07
		1854	H	0.07				L	0.04
			L	0.05			1858	H	0.07
		1855	M	0.08				L	0.04
		1856	H	0.08			1859	H	0.07
			L	0.06				L	0.03
		1857	H	0.10			1860	H	0.08
			L	0.06				M	0.06
		1858	H	0.09				L	0.04
			L	0.07			1861	H	0.08
		1859	M	0.09				M	0.06
		1860	H	0.09				L	0.04
			L	0.05			1862	H	0.08
		1861	M	0.07				L	0.05
		1862	M	0.08			1863	H	0.12½
		1863	H	0.10				M	0.09
			L	0.07				L	0.06
		1864	H	0.13			1864	H	0.12½
			L	0.09				M	0.10
		1865	H	0.14				L	0.07
			M	0.11			1865	H	0.12½
			L	0.09				M	0.09
		1866	H	0.12				L	0.06
			L	0.09			1866	H	0.15
		1867	H	0.11				M	0.12½
			L	0.09				ml	0.10
		1868	H	0.12				L	0.06
			L	0.09			1867	H	0.10
		1869	H	0.11				M	0.08
			L	0.09				L	0.06
		1870	H	0.12			1868	H	0.10
			L	0.09				M	0.08
		1871	H	0.12				L	0.06
			L	0.08			1869	H	0.10
		1872	H	0.12				M	0.08

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Beef (SOUP PIECES) — Con.</b>					<b>Beef (SOUP PIECES) — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Ohio, . . . . lb.	1869	L	\$0.06		Pennsylvania, . . lb.	1871	M	\$0.10	
	1870	H	0.10			1871	L	0.07	
		M	0.08			1872	H	0.12½	
		L	0.06				M	0.10	
	1871	H	0.10				L	0.07	
		M	0.08			1873	H	0.12½	
		L	0.06				M	0.10	
	1872	H	0.10				L	0.07	
		L	0.07			1874	H	0.12	
	1873	H	0.10				M	0.10	
		M	0.08				L	0.06	
		L	0.06			1875	H	0.14	
	1874	H	0.10				M	0.10	
		M	0.08				ml	0.08	
		L	0.06				L	0.06	
	1875	H	0.10			1876	H	0.10	
		M	0.08				M	0.08	
		L	0.06				L	0.06	
	1876	H	0.15			1877	H	0.10	
		M	0.10				M	0.08	
		ml	0.08				L	0.06	
		L	0.06			1878	H	0.10	
	1877	H	0.08				L	0.06	
		L	0.06			1879	H	0.10	
	1878	H	0.08				M	0.08	
		L	0.06				L	0.06	
	1879	H	0.08			1880	H	0.09	
		M	0.06				L	0.06	
		L	0.03			1884	M	0.08	
	1880	H	0.08			1885	M	0.07	
		M	0.06		Tennessee, . . lb.	1871	M	0.06	
		L	0.03			1872	M	0.07	
Pennsylvania, . . lb.	1851	M	0.04			1873	M	0.07	
	1852	M	0.04			1874	M	0.06	
	1853	M	0.04			1875	M	0.06	
	1854	M	0.04			1876	M	0.07	
	1855	M	0.04			1877	M	0.06	
	1856	M	0.04			1878	M	0.06	
	1857	M	0.04			1879	M	0.06	
	1858	M	0.04			1880	M	0.05	
	1859	M	0.04		West Virginia, . lb.	1851	M	0.04	
	1860	M	0.04			1852	M	0.04	
	1861	H	0.07			1853	M	0.04	
		L	0.03			1854	M	0.04	
	1862	H	0.07			1855	M	0.04	
		L	0.05			1856	M	0.04	
	1863	M	0.08			1857	M	0.04	
	1864	H	0.15			1858	M	0.04	
		L	0.08			1859	M	0.04	
	1865	H	0.15			1860	M	0.03	
		M	0.12			1861	M	0.07	
		L	0.10			1862	M	0.07	
	1866	H	0.15			1863	M	0.07	
		L	0.12			1864	M	0.07	
	1867	H	0.15			1865	M	0.07	
		M	0.12			1866	M	0.07	
		L	0.10			1867	M	0.07	
	1868	H	0.15			1868	M	0.07	
		M	0.10			1869	M	0.07	
		L	0.08			1870	M	0.07	
	1869	H	0.15			1871	M	0.06	
		M	0.12			1872	M	0.06	
		ml	0.10			1873	M	0.06	
		L	0.08			1874	M	0.06	
	1870	H	0.15			1875	M	0.06	
		M	0.10			1876	M	0.06	
		L	0.08			1877	M	0.06	
	1871	H	0.12½			1878	M	0.06	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Beef (SOUP PIECES) — Con.</b>					<b>Beef (SOUP PIECES) — Con.</b>				
<i>United States—Con.</i>					<i>Foreign Countries</i> — Con.				
West Virginia, . . lb.	1879	M	\$0.06		France, . . . lb.	1878	H	\$0.16	
	1880	M	0.06				M	0.14 $\frac{1}{2}$	
<i>Foreign Countries.</i>							L	0.12	
Australia, . . . lb.	1836	M	0.06			1879	H	0.16	
	1839	M	0.06				L	0.14 $\frac{1}{2}$	
	1842	M	0.07			1880	H	0.15	
	1843	M	0.05				L	0.13 $\frac{1}{2}$	
	1844	M	0.04			1881	H	0.18	
	1845	M	0.05				L	0.13 $\frac{1}{2}$	
	1846	M	0.04 $\frac{1}{2}$			1882	H	0.20	
	1847	M	0.04				L	0.13 $\frac{1}{2}$	
	1848	M	0.04			1883	M	0.15	
	1849	M	0.03 $\frac{1}{2}$			1884	H	0.16	
	1850	M	0.03 $\frac{1}{2}$				L	0.14	
	1851	M	0.05 $\frac{1}{2}$			1885	M	0.15	
	1852	M	0.06			1886	M	0.14 $\frac{1}{2}$	
	1853	M	0.07			1888	H	0.12 $\frac{1}{2}$	
	1856	M	0.07				L	0.08 $\frac{3}{4}$	
	1857	M	0.07		Germany, . . . lb.	1850	M	0.08	
	1861	M	0.06			1872	M	0.15 $\frac{1}{2}$	
	1865	M	0.06			1873	M	0.15 $\frac{1}{2}$	
	1866	M	0.06			1874	M	0.16	
	1867	M	0.05			1875	M	0.16	
	1868	M	0.07			1876	H	0.19	
	1869	M	0.04				L	0.17	
	1870	M	0.07			1877	M	0.17	
	1871	M	0.05			1878	H	0.18	
	1872	M	0.05				M	0.14	
	1873	M	0.05				L	0.10	
	1875	M	0.07			1879	M	0.14	
	1878	M	0.06			1880	H	0.16 $\frac{3}{4}$	
	1880	M	0.07				M	0.13	
	1881	M	0.07				L	0.09 $\frac{1}{2}$	
Belgium, . . . lb.	1878	M	0.16			1881	H	0.16	
	1879	M	0.16				L	0.11	
	1884	M	0.16			1882	H	0.16 $\frac{1}{2}$	
Canada, . . . lb.	1878	M	0.05				M	0.13	
	1882	M	0.04				L	0.11 $\frac{1}{2}$	
	1887	M	0.04 $\frac{1}{2}$			1883	H	0.16	
Ecuador, . . . lb.	1885	M	0.05				L	0.14	
England, . . . lb.	1873	H	0.14			1884	M	0.14	
		L	0.12			1885	H	0.18	
	1878	H	0.19				mh	0.16	
		M	0.15				M	0.14	
		L	0.12				L	0.12	
	1879	M	0.15			1886	H	0.14	
	1882	H	0.16				L	0.10	
		M	0.14			1887	M	0.14 $\frac{1}{2}$	
		L	0.12			1889	M	0.16	
	1883	H	0.19		Holland, . . . lb.	1884	H	0.22	
		L	0.09				L	0.15	
	1884	M	0.15		Italy, . . . lb.	1878	M	0.12	
France, . . . lb.	1867	M	0.12 $\frac{1}{2}$			1879	M	0.12	
	1868	M	0.12 $\frac{1}{2}$			1882	M	0.08	
	1869	M	0.12 $\frac{1}{2}$			1884	M	0.13 $\frac{1}{2}$	
	1870	M	0.12 $\frac{1}{2}$			1889	H	0.15 $\frac{1}{2}$	
	1871	M	0.13 $\frac{1}{2}$				M	0.12	
	1872	M	0.14 $\frac{1}{2}$				L	0.08	
	1873	H	0.16		Japan, . . . lb.	1887	M	0.08	
		L	0.14 $\frac{1}{2}$		Mexico, . . . lb.	1882	M	0.04	
	1874	H	0.15		Portugal, . . . lb.	1882	M	0.11	
		L	0.13 $\frac{1}{2}$		Prussia, . . . lb.	1880	H	0.13 $\frac{1}{2}$	
	1875	M	0.14				M	0.10 $\frac{1}{2}$	
	1876	M	0.14 $\frac{1}{2}$			1881	L	0.13 $\frac{1}{2}$	
	1877	H	0.15			1882	H	0.13	
		L	0.13 $\frac{1}{2}$		Saxony, . . . lb.		L	0.10 $\frac{1}{2}$	
						1882	M	0.13	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Beef (SOUP PIECES) — Con.</b>					<b>Beefsteak — Con.</b>				
<i>Foreign Countries</i> — Con.					<i>United States—Con.</i>				
Scotland, . . . lb.	1878	H	\$0.22		Connecticut, . . lb.	1866	M	\$0.18	
		M	0.16				L	0.13	
		L	0.12			1867	H	0.28	
	1879	M	0.16				M	0.20	
	1884	M	0.16				L	0.13	
Sicily, . . . lb.	1878	M	0.12			1868	H	0.28	
	1889	H	0.20				mh	0.25	
		L	0.12				M	0.20	
Spain, . . . lb.	1878	H	0.18				L	0.14	
		L	0.15			1869	H	0.28	
	1879	M	0.18				M	0.20	
Sweden, . . . lb.	1881	M	0.10				L	0.14	
Switzerland, . . lb.	1878	M	0.18			1870	H	0.28	
	1879	M	0.18				M	0.20	
	1884	H	0.18				L	0.15	
		L	0.15			1871	H	0.25	
	1885	M	0.15				M	0.20	
West Indies, . . lb.	1881	M	0.55				ml	0.15	
	1889	M	0.10				L	0.12	
Wurtemberg, . . lb.	1882	H	0.13½			1872	H	0.25	
		M	0.11				mh	0.20	
		L	0.09½				M	0.18	
							ml	0.14	
<b>Beefsteak.</b>							L	0.12	
<i>United States.</i>						1873	H	0.25	
California, . . . lb.	1884	H	0.20				mh	0.20	
		L	0.15				M	0.17	
	1886	H	0.20				ml	0.14	
		M	0.15				L	0.12	
		L	0.11			1874	H	0.25	
	1888	M	0.15				mh	0.20	
Connecticut, . . lb.	1851	M	0.09				M	0.18	
	1852	M	0.07				ml	0.14	
	1854	H	0.12				L	0.12	
		M	0.10			1875	H	0.25	
		L	0.08				M	0.18	
	1855	H	0.12				ml	0.14	
		L	0.10				L	0.12	
	1856	H	0.12½			1876	H	0.22	
		L	0.10				M	0.18	
	1857	H	0.14				L	0.12	
		M	0.12			1877	H	0.25	
		L	0.10				M	0.16	
	1858	H	0.14				ml	0.14	
		M	0.12				L	0.12	
		L	0.10			1878	H	0.22	
	1859	H	0.14				mh	0.20	
		M	0.12				M	0.16	
		L	0.10				ml	0.14	
	1860	H	0.16				L	0.12	
		mh	0.14			1879	H	0.22	
		M	0.12				M	0.15	
		L	0.10				L	0.12	
	1861	H	0.12			1880	H	0.20	
		L	0.10				M	0.15	
	1862	H	0.12½				L	0.12	
		L	0.10			1887	H	0.30	
	1863	H	0.14				M	0.25	
		M	0.12½				L	0.18	
		L	0.10			1888	H	0.21½	
	1864	H	0.20		Colorado, . . . lb.	1888	M	0.20	
		M	0.16				mh	0.17½	
		L	0.12				M	0.14	
	1865	H	0.25				ml	0.12½	
		M	0.18				L	0.08	
		L	0.12		Illinois, . . . lb.	1860	M	0.08	
	1866	H	0.25			1861	M	0.08	
						1862	M	0.08	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Beefsteak — Con.</b>					<b>Beefsteak — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Illinois, . . . . lb.	1863	M		\$0.08	Indiana, . . . . lb.	1879	H		\$0.10
	1864	M		0.08					0.08
	1865	M		0.14		1880	H		0.10
	1866	M		0.14					0.08
	1867	M		0.14		1888	M		0.16 $\frac{1}{2}$
	1868	M		0.14		1865	M		0.15
	1869	M		0.14		1866	M		0.15
	1870	M		0.12 $\frac{1}{2}$		1867	M		0.15
	1871	H		0.15		1868	M		0.15
		L		0.12 $\frac{1}{2}$		1869	M		0.15
	1872	H		0.15		1870	M		0.15
		L		0.12 $\frac{1}{2}$		1871	M		0.15
	1873	H		0.15		1872	M		0.15
		L		0.12 $\frac{1}{2}$		1873	M		0.15
	1874	M		0.12 $\frac{1}{2}$		1874	M		0.12 $\frac{1}{2}$
	1875	M		0.12 $\frac{1}{2}$		1875	M		0.12 $\frac{1}{2}$
	1876	M		0.12 $\frac{1}{2}$		1876	M		0.12 $\frac{1}{2}$
	1877	H		0.12 $\frac{1}{2}$		1877	M		0.12 $\frac{1}{2}$
		L		0.10		1878	M		0.12 $\frac{1}{2}$
	1878	H		0.12 $\frac{1}{2}$		1879	M		0.12 $\frac{1}{2}$
		M		0.10		1880	M		0.12 $\frac{1}{2}$
		L		0.08		1887	H		0.14
	1879	H		0.12 $\frac{1}{2}$			M		0.11
		L		0.08			L		0.09
	1880	M		0.12 $\frac{1}{2}$		1888	M		0.10
	1881	M		0.12 $\frac{1}{2}$		1871	M		0.09
	1884	H		0.12 $\frac{1}{2}$		1872	M		0.09
		L		0.08		1873	M		0.09
	1889	H		0.16		1874	M		0.09
		M		0.12 $\frac{1}{2}$		1875	M		0.09
		L		0.07		1876	M		0.09
Indiana, . . . . lb.	1851	M		0.06		1877	M		0.09
	1852	M		0.06		1878	M		0.09
	1853	M		0.06		1879	M		0.09
	1854	M		0.06		1880	M		0.09
	1855	M		0.06		1888	M		0.11 $\frac{1}{2}$
	1856	M		0.06		1858	H		0.15
	1857	M		0.07			L		0.10
	1858	M		0.07			H		0.30
	1859	M		0.07			L		0.25
	1860	M		0.07		1878	H		0.20
	1861	M		0.07 $\frac{1}{2}$			L		0.17
	1862	M		0.07 $\frac{1}{2}$		1887	H		0.28
	1863	M		0.12 $\frac{1}{2}$			L		0.25
	1864	M		0.15		1888	H		0.22
	1865	M		0.15			L		0.18
	1866	H		0.15		1889	H		0.20
		L		0.12 $\frac{1}{2}$			mh		0.18
	1867	H		0.15			M		0.16
		L		0.12 $\frac{1}{2}$			ml		0.14
	1868	H		0.15			L		0.12
		L		0.12 $\frac{1}{2}$		1834	M		0.06
	1869	H		0.15		1858	H		0.18
		L		0.12 $\frac{1}{2}$			M		0.14
	1870	H		0.15			L		0.12
		L		0.12 $\frac{1}{2}$		1859	H		0.16
	1871	M		0.12 $\frac{1}{2}$			L		0.12
	1872	M		0.12 $\frac{1}{2}$		1860	H		0.18
	1873	M		0.12 $\frac{1}{2}$			M		0.12 $\frac{1}{2}$
	1874	M		0.12 $\frac{1}{2}$			L		0.10
	1875	H		0.12 $\frac{1}{2}$			M		0.11
		L		0.08			M		0.12
	1876	H		0.12 $\frac{1}{2}$			1863	M	0.16
		M		0.10			1864	M	0.16
		L		0.08			1865	M	0.28
	1877	H		0.10			1866	M	0.28
		L		0.08			1867	H	0.30
	1878	H		0.10				M	0.28
		L		0.08				ml	0.26



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Beefsteak — Con.</b>					<b>Beefsteak — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Massachusetts, . . lb.		1867	L	\$0.21	Missouri, . . . lb.		1858	M	\$0.06
		1868	H	0.30			1859	M	0.06
			M	0.27			1860	M	0.06
			ml	0.25			1861	M	0.07
			L	0.23½			1862	M	0.07
		1869	H	0.32			1863	M	0.07
			L	0.24½			1864	M	0.10
		1870	H	0.30			1865	M	0.10
			M	0.27½			1866	M	0.10
			L	0.25½			1867	M	0.10
		1871	H	0.27			1868	M	0.10
			M	0.25			1869	M	0.08
			L	0.23			1870	M	0.08
		1872	H	0.30			1871	M	0.07
			M	0.23½			1872	M	0.07
			L	0.20½			1873	M	0.07
		1873	H	0.30			1874	M	0.07
			M	0.25			1875	M	0.07
			L	0.20			1876	M	0.07
		1874	H	0.30			1877	M	0.07
			M	0.25			1878	H	0.08
			L	0.21½				L	0.06
		1875	H	0.30			1879	M	0.06
			mh	0.25			1880	M	0.06
			M	0.22½			1889	H	0.12½
			L	0.20				M	0.10
		1876	H	0.30				L	0.08
			M	0.25	Nebraska, . . . lb.		1888	M	0.15
			ml	0.19½	New Jersey, . . lb.		1851	H	0.12½
			L	0.17				L	0.10
		1877	H	0.28			1852	H	0.12
			M	0.20				L	0.10
			ml	0.17½			1853	H	0.12
			L	0.16				L	0.10
		1878	H	0.28			1854	M	0.12½
			mh	0.23			1855	M	0.13
			M	0.20			1856	H	0.15
			ml	0.18				L	0.12½
			L	0.16			1857	H	0.16
		1879	H	0.28				L	0.12½
			M	0.20			1858	H	0.16
			L	0.13				L	0.12½
		1880	H	0.30			1859	H	0.16
			mh	0.25				L	0.12½
			M	0.20			1860	H	0.16
			ml	0.14½				L	0.12
			L	0.10			1861	H	0.15
		1885	H	0.30				L	0.12½
			mh	0.25			1862	H	0.14
			M	0.21				L	0.12½
			ml	0.16			1863	M	0.16
			L	0.12			1864	H	0.25
		1888	M	0.25				L	0.18
		1891	H	0.30			1865	H	0.30
			mh	0.25				L	0.20
			M	0.20			1866	H	0.30
			ml	0.14				L	0.24
			L	0.07			1867	H	0.28
Michigan, . . . lb.		1885	H	0.17½				M	0.23
			mh	0.15				L	0.20
			M	0.12½			1868	M	0.26
			ml	0.10			1869	H	0.25
			L	0.08				L	0.22
		1886	H	0.13			1870	H	0.28
			L	0.15				L	0.25
		1888	M	0.13			1871	H	0.28
Minnesota, . . . lb.		1883	M	0.14				M	0.25
		1890	H	0.15				L	0.20
			L	0.07			1872	M	0.25

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Beefsteak — Con.</b>					<b>Beefsteak — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
New Jersey, . . . lb.	1873	M	\$0.25		New York, . . . lb.	1870	L	\$0.12	
	1874	H	0.25			1871	H	0.25	
		M	0.23				M	0.20	
		L	0.20				L	0.18	
	1875	H	0.25			1872	H	0.25	
		L	0.23				M	0.18	
	1876	M	0.23				ml	0.16	
	1877	M	0.23				L	0.14	
	1878	H	0.22			1873	H	0.22	
		M	0.20				L	0.16	
		L	0.16			1874	H	0.22	
	1879	M	0.22				M	0.20	
	1880	H	0.22				L	0.15 $\frac{1}{2}$	
		M	0.16			1875	M	0.20	
		L	0.14			1876	H	0.20	
	1886	H	0.20				L	0.18	
		mh	0.18			1877	H	0.18	
		M	0.16				L	0.14	
		ml	0.14			1878	H	0.20	
		L	0.12				M	0.16	
New York, . . . lb.	1851	H	0.12 $\frac{1}{2}$				L	0.12	
		L	0.09			1879	H	0.16	
	1852	H	0.12 $\frac{1}{2}$				M	0.14	
		L	0.10				L	0.12 $\frac{1}{2}$	
	1853	H	0.12				H	0.18	
		L	0.10				M	0.14	
	1854	H	0.15				L	0.12	
		M	0.12			1884	H	0.16	
		L	0.10				L	0.14	
	1855	H	0.14		Ohio, . . . lb.	1851	H	0.10	
		L	0.12				L	0.07	
	1856	H	0.15			1852	H	0.10	
		L	0.11				L	0.07	
	1857	H	0.16			1853	H	0.10	
		M	0.14				L	0.07	
		L	0.10			1854	H	0.10	
	1858	H	0.14				L	0.07	
		L	0.12			1855	H	0.12	
	1859	H	0.16				M	0.10	
		M	0.14				L	0.08	
		L	0.12			1856	H	0.12	
	1860	H	0.15				M	0.10	
		L	0.11				L	0.08	
	1861	M	0.10			1857	H	0.12	
	1862	H	0.12				L	0.10	
		L	0.10			1858	H	0.12	
	1863	H	0.16				L	0.10	
		L	0.10			1859	H	0.12	
	1864	H	0.25				L	0.10	
		M	0.18			1860	H	0.12	
		L	0.12				L	0.10	
	1865	H	0.26			1861	H	0.20	
		M	0.18				M	0.12	
		L	0.12				ml	0.10	
	1866	H	0.24				L	0.08	
		M	0.20			1862	H	0.12 $\frac{1}{2}$	
		L	0.12				L	0.10	
	1867	H	0.24			1863	H	0.22	
		mh	0.21				M	0.15	
		M	0.18				ml	0.12	
		L	0.12				L	0.10	
	1868	H	0.25			1864	H	0.22	
		M	0.20				M	0.18	
		L	0.12				ml	0.15	
	1869	H	0.25				L	0.12	
		M	0.18			1865	H	0.20	
		L	0.12				M	0.15	
	1870	H	0.22				L	0.12	
		M	0.20			1866	H	0.20	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
<b>Beefsteak — Con.</b>					<b>Beefsteak — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Ohio, . . . . lb.		1866	mh	\$0.18	Pennsylvania, . . lb.	1863	L		\$0.10
			M	0.15		1864	H		0.20
			L	0.12			M		0.18
		1867	H	0.18			L		0.12½
			M	0.16		1865	H		0.25
			L	0.13			M		0.18
		1868	H	0.18			L		0.12½
			M	0.16		1866	H		0.25
			L	0.12			M		0.18
		1869	H	0.18			L		0.12½
			M	0.15		1867	H		0.25
			L	0.10			M		0.18
		1870	H	0.18			L		0.12½
			M	0.16		1868	H		0.22
			L	0.10			M		0.18
		1871	H	0.18			L		0.12½
			M	0.16		1869	H		0.24
			L	0.10			M		0.18
		1872	H	0.18			L		0.12½
			M	0.16		1870	H		0.22
			L	0.10			M		0.18
		1873	H	0.18			L		0.12½
			M	0.16		1871	H		0.22
			L	0.10			M		0.18
		1874	H	0.18			L		0.10
			M	0.14		1872	H		0.22
			ml	0.12			mh		0.18
			L	0.10			M		0.15
		1875	H	0.18			L		0.10
			M	0.14		1873	H		0.22
			L	0.10			mh		0.18
		1876	H	0.18			M		0.15
			M	0.14			L		0.10
			L	0.10		1874	H		0.22
		1877	H	0.15			M		0.16
			M	0.12½			L		0.10
			L	0.10		1875	H		0.18
		1878	H	0.15			M		0.15
			M	0.12½			L		0.10
			L	0.10		1876	H		0.20
		1879	H	0.12½			M		0.15
			L	0.10			L		0.10
		1880	H	0.15		1877	H		0.18
			M	0.12½			M		0.14
			L	0.10			L		0.10
		1887	H	0.18		1878	H		0.18
			mh	0.16			M		0.14
			M	0.14			L		0.10
			ml	0.12		1879	H		0.18
			L	0.10			M		0.15
Pennsylvania, . . lb.		1888	M	0.12½			L		0.10
		1851	M	0.07		1880	H		0.18
		1852	M	0.07			M		0.12½
		1853	M	0.07			L		0.10
		1854	M	0.07		1884	H		0.25
		1855	M	0.07			mh		0.22
		1856	M	0.07			M		0.18
		1857	M	0.07			ml		0.14
		1858	M	0.07			L		0.10
		1859	M	0.07		1888	M		0.18
		1860	M	0.07	Rhode Island, . . lb.	1888	M		0.22
		1861	H	0.14	Tennessee, . . lb.	1871	M		0.12½
			M	0.10		1872	M		0.11
			L	0.06		1873	M		0.11
		1862	H	0.15		1874	M		0.10
			M	0.10		1875	M		0.11
			L	0.08		1876	M		0.11
		1863	H	0.16		1877	M		0.10
			M	0.12½		1878	M		0.10

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Beefsteak — Con.</b>					<b>Beefsteak — Con.</b>				
<i>United States—Con.</i>					<i>Foreign Countries</i> — Con.				
Tennessee, . . . lb.		1879	M	\$0.10	England, . . . lb.		1882	M	\$0.28
West Virginia, . . lb.		1880	M	0.10			1883	M	0.30
		1881	M	0.12			1884	M	0.26½
		1882	M	0.10	France, . . . lb.		1878	H	0.30
		1883	M	0.10				M	0.20
		1884	M	0.10				L	0.18
		1885	M	0.10			1879	M	0.20
		1886	M	0.10			1882	H	0.50
		1887	M	0.10				L	0.30
		1888	M	0.10			1884	M	0.20
		1889	M	0.10			1891	H	0.44
		1890	M	0.10				L	0.34
		1891	M	0.14	Germany, . . . lb.		1865	M	0.12½
		1892	M	0.14			1866	M	0.12½
		1893	M	0.14			1867	M	0.13½
		1894	M	0.14			1868	M	0.13½
		1895	M	0.14			1869	M	0.12½
		1896	M	0.14			1870	M	0.13
		1897	M	0.14			1871	M	0.14
		1898	M	0.14			1872	M	0.16½
		1899	M	0.14			1873	M	0.19
		1870	M	0.14			1874	M	0.19
		1871	M	0.12			1875	M	0.17½
		1872	M	0.12			1876	M	0.17½
		1873	M	0.12			1877	M	0.18
		1874	M	0.12			1878	H	0.30
		1875	M	0.12				mh	0.25
		1876	M	0.12				M	0.22
		1877	M	0.14				ml	0.18
		1878	M	0.14				L	0.14
		1879	M	0.14			1879	H	0.20
		1880	M	0.14				M	0.18½
Wisconsin, . . . lb.		1880	H	0.15				L	0.14
			M	0.12½			1880	M	0.15½
			L	0.10			1881	M	0.15½
		1881	H	0.16			1884	M	0.14
			M	0.12½			1887	H	0.24
			L	0.10				L	0.20
		1882	H	0.20	Ireland, . . . lb.		1878	M	0.22
			M	0.16	Italy, . . . lb.		1878	H	0.30
			L	0.12½				mh	0.25
		1883	H	0.16				M	0.20
			M	0.13				ml	0.17
			L	0.10				L	0.15
		1884	H	0.18			1879	M	0.20
			mh	0.16			1884	M	0.16
			M	0.14	Portugal, . . . lb.		1878	M	0.16
			ml	0.12½	Prussia, . . . lb.		1878	M	0.20
			L	0.10	Russia, . . . lb.		1878	M	0.15½
		1888	M	0.10	Scotland, . . . lb.		1878	H	0.34
<i>Foreign Countries.</i>								mh	0.32
Austria, . . . lb.		1878	M	0.17				M	0.26½
Belgium, . . . lb.		1878	H	0.22½				L	0.24
			M	0.20			1879	M	0.26½
			L	0.18			1884	M	0.26½
		1879	M	0.20	Sicily, . . . lb.		1878	H	0.28
		1882	M	0.20				M	0.24
		1884	M	0.20				L	0.13
Denmark, . . . lb.		1878	M	0.19	Spain, . . . lb.		1878	H	0.18½
England, . . . lb.		1873	H	0.26				L	0.13
			M	0.24			1879	M	0.18
			L	0.22	Sweden, . . . lb.		1878	M	0.08
		1878	H	0.32	Switzerland, . . lb.		1878	H	0.30
			mh	0.28				M	0.25
			M	0.24				L	0.20
			ml	0.20			1879	M	0.30
			L	0.18			1884	M	0.30
		1879	M	0.26½	Wales, . . . lb.		1878	M	0.20

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Lamb.</b>					<b>Lamb — Con.</b>				
<i>United States.</i>					<i>Foreign Countries</i> — Con.				
California, . . . lb.	1886	M		\$0.12	Italy, . . . lb.	1884	L		\$0.12
Connecticut, . . lb.	1860	H		0.12		1889	H		0.20
		M		0.10			M		0.16
		L		0.08			ml		0.14½
	1887	L		0.15			L		0.12½
		H		0.12	New Zealand, . . lb.	1889	M		0.10
Maine, . . . lb.	1858	H		0.10	Scotland, . . . lb.	1878	M		0.36
		L		0.07					
	1868	H		0.20					
		L		0.18					
	1878	H		0.12½	<b>Liver.</b>				
		L		0.10	<i>United States.</i>				
	1888	H		0.12	Illinois, . . . lb.	1881	M		0.15
		L		0.08	Massachusetts, . lb.	1880	H		0.10
Massachusetts, . lb.	1830	M		0.05			M		0.07
	1833	M		0.06			L		0.04
	1834	M		0.06		1885	H		0.10
	1835	M		0.05			M		0.07
	1836	M		0.09			L		0.05
	1837	M		0.07		1891	H		0.15
	1838	H		0.12			mh		0.12
		L		0.08			M		0.10
	1839	M		0.08			ml		0.08
	1842	H		0.09			L		0.05
		L		0.06	Wisconsin, . . . lb.	1880	M		0.10
	1843	H		0.10		1881	M		0.10
		L		0.07		1882	M		0.10
	1844	H		0.07		1883	M		0.10
		L		0.04		1884	M		0.10
	1845	M		0.07					
	1846	M		0.09	<b>Mutton.</b>				
	1847	H		0.08	<i>United States.</i>				
		L		0.06	California, . . . lb.	1886	M		0.08
	1848	M		0.08	Illinois, . . . . lb.	1878	H		0.15
	1856	M		0.10			L		0.05
	1858	M		0.14		1879	H		0.15
	1860	M		0.12			L		0.05
	1891	H		0.20		1884	H		0.15
		M		0.14			M		0.12
		L		0.10			ml		0.10
Minnesota, . . . lb.	1890	H		0.15			L		0.08
		L		0.08		1885	H		0.12
Ohio, . . . . lb.	1885	H		0.12½			M		0.10
		L		0.10			L		0.07½
Pennsylvania, . . lb.	1875	H		0.14	Iowa, . . . . lb.	1874	M		0.12½
		L		0.12		1884	M		0.12½
	1885	H		0.18		1885	H		0.15
		mh		0.15			mh		0.12½
		M		0.12			M		0.10
		ml		0.09			ml		0.08
		L		0.06			L		0.05
<i>Foreign Countries.</i>					Maryland, . . . lb.	1885	H		0.15
Canada, . . . . lb.	1878	M		0.10			L		0.10
	1882	H		0.12	Massachusetts, . lb.	1830	H		0.08
		L		0.06			L		0.05
England, . . . . lb.	1878	H		0.32		1831	H		0.07
		M		0.28			L		0.05
		ml		0.24		1832	H		0.10
		L		0.20			L		0.07
	1862	H		0.28		1833	M		0.06
		L		0.20		1834	M		0.06
	1883	H		0.28		1885	H		0.08
		L		0.20			L		0.05
France, . . . . lb.	1888	M		0.12½		1836	M		0.05
Italy, . . . . lb.	1878	H		0.09		1838	M		0.07
		L		0.06		1840	H		0.10
	1884	H		0.15½			M		0.06



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Mutton — Con.</b>					<b>Mutton — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Massachusetts, . . .	lb.	1840	L	\$0.03	Wisconsin, . . .	lb.	1880	H	\$0.14
		1841	H	0.10				mh	0.12
			L	0.06				M	0.09
		1842	M	0.09				ml	0.06
		1843	M	0.07				L	0.03
		1844	H	0.10			1881	H	0.14
			L	0.06				mh	0.12½
		1845	H	0.08				M	0.09
			L	0.05				ml	0.06
		1846	M	0.08			1882	L	0.04
		1847	M	0.07				H	0.15
		1848	M	0.08				mh	0.12½
		1849	M	0.06				M	0.10
		1851	M	0.07				ml	0.08
		1860	M	0.11				L	0.05
		1880	H	0.16			1883	H	0.14
			L	0.10				mh	0.12
		1885	H	0.17				M	0.10
			M	0.15				ml	0.08
			L	0.10				L	0.05
		1891	H	0.18			1884	H	0.15
			mh	0.15				mh	0.12½
			M	0.12				M	0.10
			L	0.09				ml	0.07
Michigan, . . .	lb.	1886	M	0.20				L	0.04
Minnesota, . . .	lb.	1890	H	0.15	<i>Foreign Countries.</i>				
			M	0.08	Africa, . . .	lb.	1882	M	0.18
			ml	0.06	Alsace-Lorraine, . .	lb.	1882	M	0.14
			L	0.03	Australia, . . .	lb.	1878	H	0.07
Missouri, . . .	lb.	1884	H	0.15				L	0.04
			mh	0.11			1881	H	0.10
			M	0.08				L	0.06
			ml	0.05			1885	H	0.12
			L	0.02				L	0.08
		1889	H	0.12½			1884	H	0.16
			M	0.10	Austria, . . .	lb.		L	0.09
			L	0.07			1885	H	0.16
New Jersey, . . .	lb.	1884	H	0.16				L	0.09
			L	0.14	Baden, . . .	lb.	1882	H	0.14½
		1885	H	0.16				L	0.13
			L	0.14	Bavaria, . . .	lb.	1882	H	0.13
		1886	H	0.14				L	0.10
			mh	0.12			1883	M	0.12
			M	0.10			1878	H	0.20
			ml	0.07				L	0.16
			L	0.04			1884	M	0.18
New York, . . .	lb.	1878	H	0.16			1885	M	0.18
			L	0.09			1878	M	0.07
		1879	H	0.14			1882	H	0.10
			L	0.09				L	0.05
		1884	H	0.15			1887	H	0.10
			L	0.11				L	0.04
		1885	H	0.15				M	0.16
			L	0.11	China, . . .	lb.	1889	M	0.16
Ohio, . . .	lb.	1885	H	0.12½	Ecuador, . . .	lb.	1885	H	0.04
			L	0.06				L	0.03
		1887	H	0.15				M	0.32
			mh	0.13	England, . . .	lb.	1878	H	0.22
			M	0.11				M	0.16
			ml	0.09				L	0.12
			L	0.07			1881	M	0.19
Pennsylvania, . . .	lb.	1884	H	0.18			1882	H	0.25
			M	0.12				M	0.22
			L	0.09				L	0.12
		1885	H	0.18			1883	H	0.25
			M	0.12½				M	0.22
			L	0.09				ml	0.16
United States (not specified), . . .	lb.	1881	M	0.12			1884	H	0.20

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
<b>Mutton</b> —Con.					<b>Mutton</b> —Con.				
<i>Foreign Countries</i> — Con.					<i>Foreign Countries</i> — Con.				
England, . . . lb.	1884	L		\$0.16	Germany, . . . lb.	1880	M		\$0.14 $\frac{1}{2}$
	1885	H		0.20			L		0.10 $\frac{1}{2}$
		L		0.16		1881	H		0.14
France, . . . lb.	1867	M		0.13 $\frac{1}{2}$			L		0.11 $\frac{1}{2}$
	1868	M		0.13 $\frac{1}{2}$		1862	M		0.15 $\frac{1}{2}$
	1869	M		0.13 $\frac{1}{2}$		1883	M		0.12 $\frac{1}{2}$
	1870	M		0.13 $\frac{1}{2}$		1884	H		0.20
	1871	M		0.13 $\frac{1}{2}$			mh		0.17
	1872	M		0.16			M		0.14 $\frac{1}{2}$
	1873	H		0.21			L		0.11 $\frac{1}{2}$
		L		0.17		1885	H		0.23
	1874	H		0.23			M		0.20
		M		0.20			L		0.17
		L		0.16		1886	M		0.15
	1875	H		0.22 $\frac{1}{2}$		1887	H		0.14 $\frac{1}{2}$
		M		0.19 $\frac{1}{2}$			L		0.11
		L		0.15 $\frac{1}{2}$		1888	M		0.12
	1876	H		0.23		1889	M		0.15
		M		0.21	Guiana, . . . lb.	1889	M		0.30
		L		0.16	Hawaiian Islands, . lb.	1881	M		0.15
	1877	H		0.22 $\frac{1}{2}$	Hesse, . . . lb.	1882	H		0.11
		M		0.20			L		0.05 $\frac{1}{2}$
		L		0.16 $\frac{1}{2}$		1887	M		0.12 $\frac{1}{2}$
	1878	H		0.23		1888	M		0.13
		mh		0.21	Holland, . . . lb.	1882	M		0.14
		L		0.17 $\frac{1}{2}$		1884	H		0.24
		L		0.12			L		0.16
	1879	M		0.17		1885	H		0.24
	1880	H		0.23			L		0.16
		L		0.16	Italy, . . . lb.	1878	H		0.21
	1881	H		0.18			L		0.15
		L		0.16 $\frac{1}{2}$		1882	M		0.18
	1882	H		0.30		1884	H		0.15
		M		0.24			L		0.09
		L		0.17		1885	H		0.18
	1883	M		0.17 $\frac{1}{2}$			L		0.16
	1884	H		0.25		1889	H		0.18
		M		0.17 $\frac{1}{2}$			M		0.13 $\frac{1}{2}$
		L		0.14			L		0.10
	1885	H		0.25	Japan, . . . lb.	1887	M		0.22
		M		0.20	Mexico, . . . lb.	1882	M		0.25
		ml		0.17		1883	H		0.10
		L		0.14			L		0.08
	1886	M		0.16 $\frac{1}{2}$	New Zealand, . . lb.	1889	M		0.06
	1888	H		0.12 $\frac{1}{2}$	Portugal, . . . lb.	1882	M		0.14
		L		0.10 $\frac{1}{2}$	Prussia, . . . lb.	1878	H		0.16
	1889	H		0.26			L		0.11
		L		0.22		1880	H		0.13
	1865	M		0.10			L		0.09 $\frac{1}{2}$
Germany, . . . lb.	1866	M		0.10 $\frac{1}{2}$		1881	M		0.13
	1867	M		0.11		1882	H		0.18
	1868	M		0.09 $\frac{1}{2}$			mh		0.16
	1869	M		0.12			M		0.14
	1870	M		0.12			ml		0.11
	1871	M		0.12			L		0.08
	1872	M		0.13		1884	H		0.20
	1873	M		0.14 $\frac{1}{2}$			L		0.17
	1874	M		0.15 $\frac{1}{2}$		1885	H		0.20
	1875	M		0.14 $\frac{1}{2}$			L		0.17
	1876	H		0.16 $\frac{1}{2}$	Saxony, . . . lb.	1882	H		0.14
		L		0.15			L		0.12
	1877	H		0.16 $\frac{3}{4}$	Scotland, . . . lb.	1878	H		0.24
		L		0.11			M		0.20
	1878	H		0.15			L		0.16
		L		0.13		1879	M		0.16
	1879	H		0.14 $\frac{1}{2}$		1883	M		0.20
		L		0.13 $\frac{1}{2}$	Sicily, . . . lb.	1889	M		0.20
	1880	H		0.17 $\frac{1}{4}$	Spain, . . . lb.	1878	H		0.14

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Mutton</b> — Con.					<b>Mutton (FORE- QUARTER)</b> — Con.				
<i>Foreign Countries</i> — Con.					<i>United States</i> — Con.				
Spain, . . . lb.	1878	L	\$0.12½		Connecticut, . . lb.	1872	M	ml	\$0.16
	1879	M	0.14				L	ml	0.14
Sweden, . . . lb.	1881	M	0.09				H	L	0.12
Switzerland, . . lb.	1878	M	0.18			1873	mh	L	0.20
	1884	M	0.14				ml	mh	0.18
	1885	M	0.14				M	ml	0.16
United States of							ml	ml	0.14
Colombia, . . . lb.	1883	M	0.15				L	L	0.12
Venezuela, . . . lb.	1881	M	0.18½			1874	H	H	0.25
West Indies, . . lb.	1881	H	0.22				mh	ml	0.20
		L	0.20				M	ml	0.15
	1889	M	0.20				ml	ml	0.11
Wurtemberg, . . lb.	1882	H	0.14½				L	L	0.07
		M	0.11			1875	H	H	0.25
		L	0.07½				mh	ml	0.22
							M	ml	0.18
<b>Mutton (FORE- QUARTER).</b>							L	ml	0.14
<i>United States.</i>						1876	H	L	0.10
California, . . . lb.	1884	M	0.08				M	ml	0.16
Connecticut, . . lb.	1851	M	0.07				ml	ml	0.14
	1852	M	0.05				L	L	0.12
	1853	M	0.07			1877	H	H	0.18
	1854	H	0.10				mh	ml	0.16
		L	0.05				M	ml	0.14
	1855	H	0.10				ml	ml	0.12
		L	0.07				L	L	0.10
	1856	H	0.10			1878	H	H	0.16
		L	0.07				M	L	0.12
	1857	H	0.10				L	L	0.10
		L	0.07			1879	H	H	0.14
	1858	H	0.10				M	L	0.12
		L	0.07				L	L	0.09
	1859	H	0.10			1880	H	H	0.14
		L	0.07				M	M	0.12
	1860	H	0.10				L	L	0.10
		L	0.07		Illinois, . . . lb.	1860	M	M	0.08
	1861	H	0.13			1861	M	M	0.08
		L	0.07			1862	M	M	0.08
	1862	H	0.13			1863	M	M	0.08
		M	0.10			1864	M	M	0.08
		L	0.07			1865	M	M	0.12½
	1863	H	0.13			1866	M	M	0.12½
		M	0.11			1867	M	M	0.12½
		L	0.08			1868	M	M	0.12½
	1864	H	0.15			1869	M	M	0.12½
		L	0.12			1870	M	M	0.12½
	1865	H	0.15			1871	M	M	0.10
		L	0.12			1872	M	M	0.10
	1866	H	0.15			1873	M	M	0.10
		L	0.13			1874	M	M	0.10
	1867	H	0.18			1875	M	M	0.10
		L	0.13			1876	M	M	0.10
	1868	H	0.16			1877	H	H	0.12½
		L	0.14				L	L	0.10
	1869	H	0.18			1878	H	H	0.15
		M	0.15				mh	ml	0.12½
		L	0.12				M	ml	0.10
	1870	H	0.18				L	L	0.05
		M	0.15			1879	H	H	0.12½
		L	0.12				M	M	0.10
	1871	H	0.20				L	L	0.05
		mh	0.18			1880	M	M	0.11
		M	0.16			1884	H	H	0.12½
		ml	0.14				L	L	0.05
		L	0.12		Indiana, . . . lb.	1851	M	M	0.03
	1872	H	0.20			1852	M	M	0.03
						1853	M	M	0.03

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Mutton (FORE- QUARTER) — Con.					Mutton (FORE- QUARTER) — Con.				
United States—Con.					United States—Con.				
Indiana, . . . lb.		1854	M	\$0.03	Massachusetts, . lb.	1851	H	\$0.08 $\frac{1}{2}$	
		1855	M	0.03			L	0.04 $\frac{1}{2}$	
		1856	M	0.03		1852	H	0.08 $\frac{1}{2}$	
		1857	M	0.03			L	0.04 $\frac{1}{2}$	
		1858	M	0.03		1853	H	0.10 $\frac{1}{2}$	
		1859	M	0.04			L	0.07	
		1860	M	0.04		1854	H	0.10 $\frac{1}{2}$	
		1861	M	0.07 $\frac{1}{2}$			L	0.07	
		1862	M	0.07 $\frac{1}{2}$		1855	H	0.11 $\frac{1}{2}$	
		1863	M	0.12 $\frac{1}{2}$			L	0.07 $\frac{1}{2}$	
		1864	M	0.15		1856	H	0.12 $\frac{1}{2}$	
		1865	M	0.15			L	0.10	
		1866	H	0.25		1857	H	0.15	
			L	0.06			L	0.07	
		1867	H	0.15		1858	H	0.11	
			L	0.06			L	0.07 $\frac{1}{2}$	
		1868	H	0.12 $\frac{1}{2}$		1859	H	0.13	
			L	0.06			L	0.05 $\frac{1}{2}$	
		1869	H	0.12 $\frac{1}{2}$		1860	H	0.15	
			L	0.06			M	0.12 $\frac{1}{2}$	
		1870	H	0.12 $\frac{1}{2}$			L	0.05 $\frac{1}{2}$	
			L	0.06		1861	H	0.13 $\frac{1}{2}$	
		1871	H	0.12 $\frac{1}{2}$			M	0.11	
			L	0.06			L	0.06	
		1872	H	0.12 $\frac{1}{2}$		1862	H	0.11	
			L	0.06			M	0.07	
		1873	H	0.12 $\frac{1}{2}$			L	0.05 $\frac{1}{2}$	
			L	0.06		1863	H	0.11	
		1874	H	0.12 $\frac{1}{2}$			L	0.07 $\frac{1}{2}$	
			L	0.06		1864	H	0.13 $\frac{1}{2}$	
		1875	H	0.12 $\frac{1}{2}$			L	0.10 $\frac{1}{2}$	
			L	0.05		1865	H	0.16	
		1876	H	0.12 $\frac{1}{2}$			M	0.14	
			L	0.05			L	0.11 $\frac{1}{2}$	
		1877	H	0.10		1866	H	0.16	
			L	0.05			M	0.12 $\frac{1}{2}$	
		1878	H	0.10			L	0.10 $\frac{1}{2}$	
			L	0.06		1867	H	0.16	
		1879	H	0.10			M	0.12	
			L	0.06			L	0.09 $\frac{1}{2}$	
		1880	H	0.10		1868	H	0.15	
			L	0.06			M	0.12	
Iowa, . . . lb.		1865	M	0.10			L	0.10	
		1866	M	0.10		1869	H	0.16	
		1867	M	0.10			L	0.12 $\frac{1}{2}$	
		1868	M	0.10		1870	H	0.14	
		1869	M	0.10			L	0.09 $\frac{1}{2}$	
		1870	M	0.10		1871	H	0.12	
		1871	M	0.08			L	0.07 $\frac{1}{2}$	
		1872	M	0.08		1872	H	0.12	
		1873	M	0.08			L	0.08	
		1874	M	0.08		1873	H	0.15	
		1875	M	0.08			M	0.12	
		1876	M	0.08			ml	0.10	
		1877	M	0.09			L	0.08	
		1878	M	0.09		1874	H	0.16	
		1879	M	0.09			M	0.12	
		1880	M	0.10			ml	0.10	
Kansas, . . . lb.		1871	M	0.07			L	0.08	
		1872	M	0.07		1875	H	0.17	
		1873	M	0.07			M	0.12	
		1874	M	0.07			ml	0.10	
		1875	M	0.07			L	0.08	
		1876	M	0.07		1876	H	0.17	
		1877	M	0.07			M	0.12	
		1878	M	0.07			L	0.08	
		1879	M	0.07		1877	H	0.15	
		1880	M	0.07			M	0.12	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Mutton (FORE- QUARTER) — Con.					Mutton (FORE- QUARTER) — Con.				
United States—Con.					United States—Con.				
Massachusetts, . lb.		1877	ml	\$0.09 $\frac{1}{2}$	New Jersey, . lb.		1862	H	\$0.10
			L	0.06 $\frac{1}{2}$				L	0.08
		1878	H	0.12			1863	H	0.13
			L	0.10 $\frac{1}{2}$				L	0.10
		1879	H	0.12			1864	H	0.18
			M	0.10				L	0.11
			L	0.07			1865	H	0.18
		1880	H	0.18				L	0.12
			mh	0.15			1866	H	0.20
			M	0.12				L	0.12
			ml	0.09			1867	H	0.20
			L	0.06 $\frac{1}{2}$				M	0.14
		1885	H	0.18				L	0.11
			mh	0.16			1868	H	0.20
			M	0.12				L	0.12
			ml	0.10			1869	H	0.20
			L	0.07				M	0.13
		1891	H	0.25				L	0.10
			mh	0.18			1870	H	0.20
			M	0.15				L	0.10
			ml	0.10			1871	H	0.18
			L	0.05				L	0.12
Missouri, . . lb.		1858	M	0.05			1872	H	0.20
		1859	M	0.05				L	0.10
		1860	M	0.05			1873	H	0.20
		1861	M	0.06				L	0.10
		1862	M	0.06			1874	H	0.20
		1863	M	0.06				L	0.10
		1864	M	0.08			1875	H	0.22
		1865	M	0.08				M	0.20
		1866	M	0.08				L	0.10
		1867	M	0.08			1876	H	0.18
		1868	M	0.08				L	0.09
		1869	M	0.07			1877	H	0.18
		1870	M	0.07				L	0.09
		1871	M	0.07			1878	H	0.18
		1872	M	0.07				L	0.09
		1873	M	0.07			1879	H	0.16
		1874	M	0.07				M	0.12
		1875	M	0.07				L	0.09
		1876	M	0.07			1880	H	0.16
		1877	M	0.07				M	0.12
		1878	H	0.06				L	0.08
			L	0.04 $\frac{1}{2}$	New York, . . lb.		1851	H	0.06
		1879	M	0.06				L	0.03
		1880	M	0.07			1852	H	0.07
New Jersey, . . lb.		1851	H	0.08				L	0.04
			L	0.06			1853	H	0.07
		1852	H	0.09				L	0.05
			L	0.06			1854	H	0.08
		1853	H	0.10 $\frac{1}{2}$				L	0.06
			L	0.06			1855	H	0.08
		1854	H	0.10				L	0.06
			L	0.06			1856	H	0.10
		1855	H	0.10				L	0.08
			L	0.06			1857	H	0.10
		1856	H	0.12				M	0.08
			L	0.07				L	0.06
		1857	H	0.12 $\frac{1}{2}$			1858	H	0.10
			L	0.07				L	0.07
		1858	H	0.12			1859	H	0.09
			L	0.07				L	0.06
		1859	H	0.13			1860	H	0.09
			L	0.07				L	0.06
		1860	H	0.13			1861	H	0.08
			L	0.07				L	0.04
		1861	H	0.12			1862	H	0.09
			L	0.08				L	0.07



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
<b>Mutton</b> (FORE- QUARTER) — Con.					<b>Mutton</b> (FORE- QUARTER) — Con.				
<i>United States</i> —Con.					<i>United States</i> —Con.				
New York, . . . lb.		1863	H	\$0.12	Ohio, . . . lb.		1869	M	\$0.10
			M	0.10				L	0.08
			L	0.07			1870	H	0.12½
		1864	H	0.14				M	0.10
			L	0.12				L	0.07
		1865	H	0.15			1871	H	0.15
			L	0.12				M	0.10
		1866	H	0.15				L	0.07
			L	0.12			1872	H	0.15
		1867	H	0.15				M	0.10
			M	0.12				L	0.07
			L	0.10			1873	H	0.14
		1868	H	0.13				M	0.10
			L	0.10				L	0.07
		1869	H	0.13			1874	H	0.12½
			L	0.10				M	0.10
		1870	H	0.14				ml	0.08
			M	0.12				L	0.06
			L	0.10			1875	H	0.12½
		1871	M	0.12½				M	0.10
		1872	M	0.12½				ml	0.08
		1873	H	0.14				L	0.06
			L	0.12			1876	H	0.12½
		1874	H	0.14				M	0.10
			L	0.10				ml	0.08
		1875	H	0.15				L	0.06
			L	0.10			1877	H	0.10
		1876	H	0.14				M	0.08
			L	0.10				L	0.06
		1877	H	0.16			1878	H	0.10
			L	0.09				M	0.08
		1878	H	0.14				L	0.06
			M	0.10			1879	H	0.12½
			L	0.08				M	0.10
		1879	H	0.10				ml	0.08
			L	0.08				L	0.06
		1880	H	0.12			1880	H	0.12½
			L	0.09				M	0.10
		1884	M	0.10				ml	0.08
Ohio, . . . lb.		1851	H	0.05				L	0.06
			L	0.02	Pennsylvania, . . lb.		1851	M	0.04
		1852	H	0.05			1852	M	0.04
			L	0.02			1853	M	0.04
		1853	M	0.05			1854	M	0.04
		1854	M	0.05			1855	M	0.04
		1855	M	0.06			1856	M	0.04
		1856	M	0.06			1857	M	0.04
		1857	M	0.06			1858	M	0.04
		1858	M	0.06			1859	M	0.04
		1859	H	0.08			1860	M	0.04
			L	0.06			1861	M	0.05
		1860	M	0.06			1862	M	0.06
		1861	H	0.08			1863	M	0.07
			L	0.05			1864	M	0.08
		1862	M	0.06			1865	H	0.12
		1863	H	0.18				L	0.07
			L	0.06			1866	H	0.12
		1864	H	0.18				L	0.07
			L	0.06			1867	H	0.12
		1865	H	0.18				L	0.08
			L	0.07			1868	H	0.12
		1866	H	0.18				L	0.08
			L	0.07			1869	H	0.11
		1867	H	0.15				L	0.08
			L	0.08			1870	H	0.10
		1868	H	0.15				L	0.08
			L	0.08			1871	H	0.12½
		1869	H	0.15				L	0.07

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Mutton (FORE- QUARTER) — Con.</b>					<b>Mutton (FORE- QUARTER) — Con.</b>				
<i>United States—Con.</i>					<i>Foreign Countries</i>				
<i>Pennsylvania, . . . lb.</i>		1872	<b>H</b>	\$0.12½	England, . . . lb.	1884	<b>M</b>		\$0.17
			<b>L</b>	0.07	France, . . . lb.	1878	<b>M</b>		0.18
		1873	<b>H</b>	0.12½		1879	<b>M</b>		0.16
			<b>L</b>	0.07		1878	<b>H</b>		0.14½
		1874	<b>H</b>	0.13½	Germany, . . . lb.		<b>L</b>		0.12
			<b>L</b>	0.07		1879	<b>M</b>		0.14½
		1875	<b>H</b>	0.14	Italy, . . . lb.	1878	<b>M</b>		0.15
			<b>M</b>	0.12½		1879	<b>M</b>		0.15
			<b>L</b>	0.06	Scotland, . . . lb.	1878	<b>M</b>		0.16
		1876	<b>H</b>	0.12½		1879	<b>M</b>		0.16
			<b>M</b>	0.10	Spain, . . . lb.	1878	<b>H</b>		0.14
			<b>ml</b>	0.08			<b>L</b>		0.12
			<b>L</b>	0.06		1879	<b>M</b>		0.14
		1877	<b>H</b>	0.12½	West Indies, . . lb.	1881	<b>M</b>		0.55
			<b>M</b>	0.10					
			<b>ml</b>	0.08					
			<b>L</b>	0.06	<b>Mutton (HIND- QUARTER).</b>				
		1878	<b>H</b>	0.12½	<i>United States.</i>				
			<b>M</b>	0.10	California, . . . lb.	1884	<b>H</b>		0.15
			<b>ml</b>	0.08			<b>L</b>		0.12
			<b>L</b>	0.06	Illinois, . . . lb.	1878	<b>H</b>		0.15½
		1879	<b>H</b>	0.10			<b>L</b>		0.05
			<b>L</b>	0.06		1879	<b>H</b>		0.15
		1880	<b>H</b>	0.10			<b>L</b>		0.05
			<b>L</b>	0.06		1884	<b>H</b>		0.15
<i>West Virginia, . . lb.</i>		1851	<b>M</b>	0.05			<b>L</b>		0.05
		1852	<b>M</b>	0.05			<b>H</b>		0.15
		1853	<b>M</b>	0.05			<b>L</b>		0.05
		1854	<b>M</b>	0.05	Massachusetts, . lb.	1891	<b>M</b>		0.13
		1855	<b>M</b>	0.05	Missouri, . . . lb.	1878	<b>M</b>		0.06
		1856	<b>M</b>	0.05	New York, . . . lb.	1878	<b>H</b>		0.14
		1857	<b>M</b>	0.05			<b>L</b>		0.12
		1858	<b>M</b>	0.05		1879	<b>H</b>		0.14
		1859	<b>M</b>	0.05			<b>L</b>		0.12
		1860	<b>M</b>	0.05		1884	<b>H</b>		0.14
		1861	<b>M</b>	0.07			<b>L</b>		0.12
		1862	<b>M</b>	0.07	<i>Foreign Countries.</i>				
		1863	<b>M</b>	0.07	Belgium, . . . lb.	1878	<b>H</b>		0.20
		1864	<b>M</b>	0.07			<b>L</b>		0.18
		1865	<b>M</b>	0.07		1879	<b>M</b>		0.20
		1866	<b>M</b>	0.07			<b>L</b>		0.20
		1867	<b>M</b>	0.07	England, . . . lb.	1878	<b>H</b>		0.22
		1868	<b>M</b>	0.07			<b>L</b>		0.20
		1869	<b>M</b>	0.07		1879	<b>M</b>		0.22
		1870	<b>M</b>	0.07		1882	<b>M</b>		0.22
		1871	<b>M</b>	0.06		1884	<b>M</b>		0.22
		1872	<b>M</b>	0.06	France, . . . lb.	1878	<b>H</b>		0.20
		1873	<b>M</b>	0.06			<b>L</b>		0.18
		1874	<b>M</b>	0.06		1879	<b>M</b>		0.18
		1875	<b>M</b>	0.06	Germany, . . . lb.	1878	<b>H</b>		0.18
		1876	<b>M</b>	0.06			<b>L</b>		0.14½
		1877	<b>M</b>	0.06		1879	<b>M</b>		0.14½
		1878	<b>M</b>	0.06	Italy, . . . lb.	1878	<b>M</b>		0.18
		1879	<b>M</b>	0.06		1879	<b>M</b>		0.18
		1880	<b>M</b>	0.06	Scotland, . . . lb.	1878	<b>M</b>		0.20
<i>Foreign Countries.</i>						1879	<b>M</b>		0.20
Belgium, . . . lb.		1878	<b>M</b>	0.16	Spain, . . . lb.	1878	<b>M</b>		0.15
		1879	<b>M</b>	0.16	Switzerland, . . lb.	1878	<b>M</b>		0.18
England, . . . lb.		1873	<b>M</b>	0.16		1879	<b>M</b>		0.18
		1878	<b>H</b>	0.21					
			<b>M</b>	0.18	<b>Mutton (LEG).</b>				
			<b>ml</b>	0.16	<i>United States.</i>				
			<b>L</b>	0.14	California, . . . lb.	1884	<b>H</b>		0.15
		1879	<b>M</b>	0.17			<b>L</b>		0.12
		1882	<b>M</b>	0.18	Connecticut, . . lb.	1851	<b>M</b>		0.08
		1883	<b>M</b>	0.21		1852	<b>M</b>		0.07

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Mutton (Leg)</b> — Con.					<b>Mutton (Leg)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Connecticut, . . . lb.		1853	M	\$0.08	Connecticut, . . . lb.		1876	L	\$0.16
		1854	H	0.16			1877	H	0.25
			L	0.06				M	0.18
		1855	H	0.16				L	0.15
			L	0.08			1878	H	0.23
		1856	H	0.16				M	0.18
			L	0.08				L	0.15
		1857	H	0.16			1879	H	0.20
			L	0.08				M	0.18
		1858	H	0.16				L	0.15
			L	0.08			1880	H	0.20
		1859	H	0.16				M	0.16
			L	0.08				ml	0.14
		1860	H	0.16				L	0.12
			M	0.12			1887	M	0.18
			L	0.08	Illinois, . . . lb.		1860	M	0.08
		1861	H	0.16			1861	M	0.08
			L	0.09			1862	M	0.08
		1862	H	0.16			1863	M	0.08
			M	0.14			1864	M	0.08
			L	0.09			1865	M	0.13
		1863	H	0.16			1866	M	0.13
			L	0.10			1867	M	0.13
		1864	H	0.20			1868	M	0.13
			L	0.16			1869	M	0.13
		1865	H	0.20			1870	M	0.12 <sup>1</sup> / <sub>4</sub>
			L	0.17			1871	M	0.14
		1866	H	0.20			1872	M	0.14
			L	0.18			1873	M	0.14
		1867	H	0.22			1874	M	0.14
			M	0.20			1875	M	0.15
			ml	0.18			1876	M	0.12 <sup>1</sup> / <sub>4</sub>
			L	0.16			1877	M	0.12 <sup>1</sup> / <sub>4</sub>
		1868	H	0.25			1878	M	0.12 <sup>1</sup> / <sub>4</sub>
			M	0.20			1879	M	0.12
			ml	0.18			1880	M	0.12 <sup>1</sup> / <sub>4</sub>
			L	0.16	Indiana, . . . lb.		1884	M	0.12
		1869	H	0.25			1891	M	0.06
			M	0.20			1892	M	0.06
			L	0.16			1893	M	0.06
		1870	H	0.25			1894	M	0.06
			M	0.20			1895	M	0.06
			L	0.18			1896	M	0.06
		1871	H	0.25			1897	M	0.06
			M	0.18			1898	M	0.06
			L	0.16			1899	M	0.07
		1872	H	0.25			1900	M	0.07
			mh	0.23			1866	M	0.10
			M	0.20			1867	M	0.10
			ml	0.18			1868	M	0.10
			L	0.16			1869	M	0.10
		1873	H	0.25			1870	M	0.10
			M	0.20			1871	M	0.10
			ml	0.16			1872	M	0.10
			L	0.13			1873	M	0.10
		1874	H	0.25			1874	M	0.10
			mh	0.22			1875	H	0.10
			M	0.18				L	0.08
			ml	0.16			1876	H	0.10
			L	0.12				L	0.08
		1875	H	0.25			1777	H	0.10
			mh	0.22				L	0.08
			M	0.20			1878	H	0.10
			ml	0.18				L	0.08
			L	0.16			1879	M	0.10
		1876	H	0.25			1880	H	0.10
			M	0.20				L	0.08
			ml	0.18	Iowa, . . . lb.		1865	M	0.12

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Mutton (LEG) — Con.					Mutton (LEG) — Con.				
United States—Con.					United States—Con.				
Iowa, . . . lb.	1866	M		\$0.12	Massachusetts, . lb.	1876	H		\$0.21
	1867	M		0.12			L		0.16 $\frac{1}{2}$
	1868	M		0.12		1877	H		0.20
	1869	M		0.12			M		0.18
	1870	M		0.15			L		0.16
	1871	M		0.12 $\frac{1}{2}$		1878	H		0.20
	1872	M		0.12 $\frac{1}{2}$			L		0.16
	1873	M		0.12 $\frac{1}{2}$		1879	H		0.20
	1875	M		0.12 $\frac{1}{2}$			M		0.18
	1876	M		0.12 $\frac{1}{2}$			L		0.13 $\frac{3}{4}$
	1877	M		0.12 $\frac{1}{2}$		1880	H		0.25
	1878	M		0.12 $\frac{1}{2}$			mh		0.22
	1879	M		0.12 $\frac{1}{2}$			M		0.18
	1880	M		0.15			ml		0.14
Kansas, . . . lb.	1871	M		0.09			L		0.10
	1872	M		0.09		1885	H		0.25
	1873	M		0.09			mh		0.22
	1874	M		0.09			M		0.18
	1875	M		0.09			ml		0.14
	1876	M		0.09			L		0.10
	1877	M		0.09		1891	H		0.25
	1878	M		0.09			mh		0.22
	1879	M		0.09			M		0.20
	1880	M		0.09			ml		0.16
Massachusetts, . lb.	1858	H		0.16			L		0.13
		M		0.14	Michigan, . . lb.	1886	H		0.22
		L		0.11 $\frac{1}{2}$			M		0.20
	1859	M		0.12			L		0.16
	1860	H		0.20	Missouri, . . lb.	1858	M		0.06
		L		0.12		1859	M		0.06
	1861	M		0.15		1860	M		0.06
	1862	H		0.15		1861	M		0.07
		M		0.13		1862	M		0.07
		L		0.09		1863	M		0.07
	1863	H		0.17		1864	M		0.09
		M		0.15		1865	M		0.09
		L		0.12 $\frac{3}{4}$		1866	M		0.09
	1864	H		0.20		1867	M		0.08
		L		0.14 $\frac{1}{2}$		1868	M		0.08
	1865	H		0.26 $\frac{1}{2}$		1869	M		0.07
		L		0.18 $\frac{1}{2}$		1870	M		0.07
	1866	H		0.25		1871	M		0.07
		M		0.23		1872	M		0.07
		L		0.15 $\frac{3}{4}$		1873	M		0.07
	1867	H		0.25		1874	M		0.07
		M		0.18 $\frac{1}{2}$		1875	M		0.07
		L		0.15		1876	M		0.07
	1868	H		0.24 $\frac{1}{2}$		1877	M		0.07
		M		0.20		1878	M		0.06
		L		0.17 $\frac{1}{2}$		1879	H		0.08
	1869	H		0.25			L		0.06
		L		0.16		1880	H		0.10
	1870	H		0.25			L		0.06
		L		0.17	New Jersey, . . lb.	1851	H		0.10
	1871	H		0.21 $\frac{1}{2}$			L		0.08
		L		0.14 $\frac{1}{2}$		1852	H		0.12
	1872	H		0.20			L		0.08
		L		0.15		1853	H		0.12 $\frac{1}{2}$
	1873	H		0.22			L		0.08
		M		0.20		1854	H		0.14
		L		0.17			L		0.08
	1874	H		0.22		1855	H		0.14
		M		0.20			L		0.08
		L		0.16		1856	H		0.15
	1875	H		0.22			L		0.09
		M		0.20		1857	H		0.16
		L		0.15			L		0.09

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Mutton (LEG)</b> — Con.					<b>Mutton (LEG)</b> — Con.				
<i>United States-Con.</i>					<i>United States-Con.</i>				
New Jersey, . . . lb.		1858	H	\$0.15	New York, . . . lb.		1860	M	\$0.12
			L	0.09				L	0.10
		1859	H	0.16			1861	H	0.12
			L	0.09				L	0.10
		1860	H	0.16			1862	H	0.16
			L	0.09				M	0.12
		1861	H	0.15				L	0.10
			L	0.10			1863	H	0.18
		1862	M	0.13				M	0.15
		1863	H	0.16				L	0.09
			L	0.12			1864	H	0.18
		1864	H	0.22				L	0.15
			L	0.16			1865	H	0.22
		1865	M	0.22				M	0.18
		1866	H	0.22				L	0.15
			L	0.20			1866	H	0.18
		1867	H	0.20				L	0.15
			L	0.18			1867	H	0.18
		1868	H	0.25				L	0.15
			L	0.22			1868	M	0.16
		1869	H	0.22			1869	M	0.16
			M	0.20			1870	H	0.18
			L	0.18				L	0.15
		1870	H	0.25			1871	H	0.20
			L	0.18				M	0.18
		1871	H	0.25				L	0.15
			M	0.22			1872	H	0.20
			L	0.20				M	0.18
		1872	H	0.25				L	0.14
			L	0.18			1873	H	0.20
		1873	H	0.22				L	0.18
			L	0.16			1874	H	0.20
		1874	H	0.22				M	0.18
			M	0.18				L	0.14 $\frac{1}{2}$
			L	0.16			1875	H	0.20
		1875	H	0.22				M	0.18
			L	0.16				L	0.16
		1876	H	0.20			1876	H	0.20
			L	0.15				L	0.16
		1877	H	0.20			1877	H	0.20
			L	0.15				M	0.18
		1878	H	0.20				L	0.16
			L	0.14			1878	H	0.18
		1879	H	0.20				L	0.14
			L	0.14			1879	H	0.16
		1880	H	0.20				L	0.14
			M	0.16			1880	H	0.16
			L	0.12				L	0.14
		1886	H	0.18	Ohio, . . . lb.		1851	H	0.08
			mh	0.16				M	0.06
			M	0.12 $\frac{1}{2}$				L	0.02
			L	0.07			1852	H	0.08
New York, . . . lb.		1851	H	0.10				M	0.06
			L	0.08				L	0.03
		1852	M	0.10			1853	H	0.08
		1853	M	0.10				L	0.06
		1854	H	0.12			1854	M	0.08
			L	0.10			1855	H	0.10
		1855	H	0.12				M	0.08
			L	0.10				L	0.06
		1856	H	0.14			1856	H	0.10
			L	0.12				L	0.06
		1857	M	0.12 $\frac{1}{2}$			1857	H	0.10
		1858	H	0.14				L	0.06
			L	0.10			1858	H	0.10
		1859	H	0.12				L	0.06
			L	0.10			1859	H	0.10
		1860	H	0.15				L	0.07



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Mutton (Leg) — Con.					Mutton (Leg) — Con.				
United States-Con.					United States-Con.				
Ohio, . . . . lb.		1860	H	\$0.10	Pennsylvania, . . lb.		1853	M	\$0.05
			L	0.07			1854	M	0.05
		1861	H	0.18			1855	M	0.05
			M	0.10			1856	M	0.05
			ml	0.08			1857	M	0.05
			L	0.06			1858	M	0.05
		1862	H	0.10			1859	M	0.05
			L	0.06			1860	M	0.05
		1863	H	0.22			1861	M	0.10
			M	0.10			1862	M	0.11
			L	0.07			1863	M	0.12 $\frac{1}{2}$
		1864	H	0.22			1864	H	0.14
			M	0.12				L	0.12 $\frac{1}{2}$
			L	0.07			1865	H	0.18
		1865	H	0.22				L	0.12 $\frac{1}{2}$
			M	0.12			1866	H	0.18
			L	0.08				L	0.12 $\frac{1}{2}$
		1866	H	0.22			1867	H	0.18
			M	0.15				L	0.12 $\frac{1}{2}$
			L	0.09			1868	H	0.17
		1867	H	0.20				L	0.12 $\frac{1}{2}$
			M	0.15			1869	H	0.16
			L	0.09				L	0.12 $\frac{1}{2}$
		1868	H	0.20			1870	H	0.15
			L	0.15				L	0.12 $\frac{1}{2}$
		1869	H	0.18			1871	H	0.18
			M	0.15				M	0.14
			ml	0.12 $\frac{1}{2}$				L	0.12 $\frac{1}{2}$
			L	0.10			1872	H	0.18
		1870	H	0.15				M	0.15
			M	0.12 $\frac{1}{2}$				L	0.12 $\frac{1}{2}$
			L	0.09			1873	H	0.18
		1871	H	0.18				M	0.15
			mh	0.15				L	0.12
			M	0.12 $\frac{1}{2}$			1874	H	0.16
			L	0.08				M	0.14
		1872	H	0.18				L	0.11
			mh	0.15			1875	H	0.16
			M	0.12 $\frac{1}{2}$				M	0.13
			L	0.08				L	0.11
		1873	H	0.18			1876	H	0.15
			mh	0.15				M	0.12 $\frac{1}{2}$
			M	0.12 $\frac{1}{2}$				L	0.11
			L	0.08			1877	H	0.15
		1874	H	0.18				L	0.12 $\frac{1}{2}$
			mh	0.15			1878	H	0.14
			M	0.12 $\frac{1}{2}$				L	0.12 $\frac{1}{2}$
			L	0.08			1879	H	0.14
		1875	H	0.15				L	0.12
			M	0.12 $\frac{1}{2}$			1880	M	0.12 $\frac{1}{2}$
			L	0.07			1884	H	0.20
		1876	H	0.15				mh	0.18
			M	0.12 $\frac{1}{2}$				M	0.15
			ml	0.10				ml	0.12
			L	0.07				L	0.09
		1877	H	0.12 $\frac{1}{2}$	West Virginia, . . lb.		1851	M	0.06
			L	0.07			1852	M	0.06
		1878	H	0.12 $\frac{1}{2}$			1853	M	0.06
			L	0.07			1854	M	0.06
		1879	H	0.18			1855	M	0.06
			M	0.12			1856	M	0.06
			ml	0.10			1857	M	0.06
			L	0.06			1858	M	0.06
		1880	H	0.12 $\frac{1}{2}$			1859	M	0.06
			M	0.10			1860	M	0.06
			L	0.06			1861	M	0.09
Pennsylvania, . . lb.		1851	M	0.05			1862	M	0.09
		1852	M	0.05			1863	M	0.09

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Mutton (LEG)</b> — Con.					<b>Mutton Chops</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
West Virginia, . . lb.	1864	M		\$0.09	Connecticut, . . lb.	1865	H		\$0.20
	1865	M		0.09		L			0.18
	1866	M		0.09		H	1866		0.20
	1867	M		0.09		L			0.18
	1868	M		0.09		H	1867		0.25
	1869	M		0.09		L			0.20
	1870	M		0.09		H	1868		0.22
	1871	M		0.08		L			0.20
	1872	M		0.08		H	1869		0.25
	1873	M		0.08		M			0.22
	1874	M		0.08		L			0.20
	1875	M		0.08		H	1870		0.25
	1876	M		0.08		M			0.22
	1877	M		0.08		ml			0.20
	1878	M		0.08		L			0.18
	1879	M		0.08		H	1871		0.25
	1880	M		0.08		M			0.22
Wisconsin, . . . lb.	1880	H		0.10		ml			0.20
		L		0.07		L			0.16
	1881	M		0.10		H	1872		0.23
	1882	M		0.10		M			0.20
	1883	H		0.10		ml			0.18
		L		0.08		L			0.16
	1884	H		0.09		H	1873		0.25
		L		0.07		mh			0.22
<i>Foreign Countries.</i>						M			0.20
England, . . . lb.	1873	M		0.21		ml			0.18
	1878	H		0.24		L			0.16
		M		0.22		H	1874		0.25
		L		0.20		mh			0.22
	1883	M		0.22		M			0.20
West Indies, . . lb.	1881	M		0.55		ml			0.18
						L			0.16
						H	1875		0.25
<b>Mutton Chops.</b>						mh			0.22
<i>United States.</i>						M			0.20
California, . . . lb.	1884	H		0.18		ml			0.18
		L		0.15		L			0.16
	1886	H		0.12		H	1876		0.25
		L		0.09		M			0.20
Connecticut, . . lb.	1851	M		0.10		ml			0.18
	1852	M		0.10		L			0.16
	1853	M		0.10		H	1877		0.25
	1854	H		0.16		M			0.20
		L		0.08		L			0.15
	1855	H		0.16		H	1878		0.23
		L		0.10		M			0.20
	1856	H		0.16		L			0.15
		L		0.10		H	1879		0.20
	1857	H		0.16		M			0.18
		L		0.12 $\frac{1}{2}$		L			0.15
	1858	H		0.16		H	1880		0.20
		L		0.12		M			0.18
	1859	H		0.16		L			0.15
		L		0.12	Illinois, . . . lb.	1860	M		0.10
	1860	H		0.16		1861	M		0.10
		L		0.12		1862	M		0.10
	1861	H		0.16		1863	M		0.10
		L		0.12		1864	M		0.10
	1861	H		0.16		1865	M		0.15
		L		0.12 $\frac{1}{2}$		1866	M		0.15
	1862	H		0.16		1867	M		0.15
		L		0.12 $\frac{1}{2}$		1868	M		0.15
	1863	H		0.16		1869	M		0.15
		L		0.14		1870	M		0.15
	1864	H		0.20		1871	M		0.15
		M		0.18		1872	M		0.15
		L		0.16		1873	M		0.15

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Mutton Chops — Con.					Mutton Chops — Con.				
United States—Con.					United States—Con.				
Illinois, . . . lb.		1874	M	\$0.15	Massachusetts, . lb.		1858	L	\$0.11
		1875	M	0.15			1859	M	0.12
		1876	M	0.12 $\frac{1}{2}$			1860	H	0.20
		1877	M	0.12 $\frac{1}{2}$				L	0.12
		1878	H	0.15			1861	M	0.15
			M	0.12 $\frac{1}{2}$			1862	M	0.15
			L	0.10			1863	M	0.15
		1879	H	0.15 $\frac{1}{2}$			1864	M	0.20
			M	0.12 $\frac{1}{2}$			1865	M	0.25
			L	0.10			1866	M	0.25
		1880	M	0.13			1867	H	0.25
		1884	H	0.15				L	0.18
			L	0.10			1868	H	0.20
Indiana, . . . lb.		1851	M	0.06				M	0.18
		1852	M	0.06				L	0.15 $\frac{1}{2}$
		1853	M	0.06			1869	H	0.25
		1854	M	0.06				M	0.20
		1855	M	0.06				L	0.16
		1856	M	0.06			1870	H	0.25
		1857	M	0.06				L	0.16
		1858	M	0.06			1871	H	0.25
		1859	M	0.07				M	0.20
		1860	M	0.07				ml	0.16
		1866	M	0.10				L	0.14
		1867	M	0.10			1872	H	0.20 $\frac{1}{2}$
		1868	M	0.10				L	0.14
		1869	M	0.10			1873	H	0.20
		1870	M	0.10				M	0.17
		1871	M	0.10				L	0.14
		1872	M	0.10			1874	H	0.23 $\frac{1}{2}$
		1873	M	0.10				M	0.20
		1874	M	0.10				L	0.16
		1875	H	0.10			1875	H	0.20
			L	0.08				M	0.18
		1876	M	0.10				L	0.15
		1877	H	0.10			1876	H	0.21
			L	0.09				M	0.18
		1878	M	0.10				L	0.16 $\frac{1}{2}$
		1879	M	0.10			1877	H	0.23 $\frac{1}{2}$
		1880	H	0.10				M	0.20
			L	0.09				ml	0.18 $\frac{1}{2}$
Iowa, . . . lb.		1865	M	0.15				L	0.16
		1866	M	0.15			1878	H	0.20
		1867	M	0.15				M	0.18 $\frac{1}{2}$
		1868	M	0.18				L	0.14
		1869	M	0.15			1879	H	0.20
		1870	M	0.13				M	0.16
		1871	M	0.15				L	0.14 $\frac{1}{2}$
		1872	M	0.15			1880	H	0.25
		1873	M	0.15				mh	0.22
		1874	M	0.15				M	0.18
		1875	M	0.15				ml	0.14
		1876	M	0.12 $\frac{1}{2}$				L	0.10
		1877	M	0.12 $\frac{1}{2}$			1885	H	0.25
		1878	M	0.12 $\frac{1}{2}$				mh	0.22
		1879	M	0.12 $\frac{1}{2}$				M	0.18
		1880	M	0.15				ml	0.14
Kansas, . . . lb.		1871	M	0.11				L	0.10
		1872	M	0.11			1891	H	0.30
		1873	M	0.11				mh	0.25
		1874	M	0.11				M	0.20
		1875	M	0.11				ml	0.16
		1876	M	0.11				L	0.12
		1877	M	0.11	Minnesota, . . lb.		1890	H	0.15
		1878	M	0.11				L	0.10
		1879	M	0.11	Missouri, . . . lb.		1858	M	0.07
		1880	M	0.11			1859	M	0.07
Massachusetts, . lb.		1858	H	0.13 $\frac{1}{2}$			1860	M	0.07

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Mutton Chops — Con.					Mutton Chops — Con.				
United States—Con.					United States—Con.				
Missouri, . . . lb.		1861	M	\$0.08	New Jersey, . . . lb.		1875	H	\$0.28
		1862	M	0.08			1876	H	0.18
		1863	M	0.08			1877	H	0.25
		1864	M	0.10			1878	H	0.18
		1865	M	0.10			1879	H	0.23
		1866	M	0.10			1880	H	0.16
		1867	M	0.10			1881	M	0.23
		1868	M	0.10			1882	H	0.16
		1869	M	0.08			1883	H	0.10
		1870	M	0.08			1884	H	0.10
		1871	M	0.08			1885	M	0.14
		1872	M	0.08			1886	H	0.12
		1873	M	0.08			1887	H	0.14
		1874	M	0.08			1888	M	0.12
		1875	M	0.08			1889	H	0.10
		1876	M	0.08			1890	H	0.16
		1877	M	0.08			1891	H	0.10
		1878	H	0.12 $\frac{1}{2}$			1892	H	0.18
			L	0.07			1893	M	0.16
		1879	M	0.06			1894	H	0.16
		1880	M	0.06			1895	M	0.11
New Jersey, . . . lb.		1881	H	0.12 $\frac{1}{2}$			1896	H	0.16
			L	0.11			1897	H	0.12
		1882	H	0.12 $\frac{1}{2}$			1898	H	0.16
			L	0.10			1899	H	0.10
		1883	M	0.12 $\frac{1}{2}$			1900	H	0.16
		1884	H	0.15			1901	M	0.18
			L	0.12			1902	H	0.16
		1885	H	0.16			1903	M	0.16
			L	0.12			1904	H	0.16
		1886	H	0.17			1905	H	0.25
			L	0.12			1906	M	0.18
		1887	H	0.18			1907	H	0.16
			L	0.12			1908	H	0.16
		1888	H	0.16			1909	H	0.16
			L	0.12			1910	H	0.16
		1889	H	0.18			1911	H	0.16
			L	0.12			1912	H	0.16
		1890	H	0.18			1913	H	0.16
			L	0.12			1914	H	0.16
		1891	H	0.16			1915	H	0.16
			L	0.14			1916	H	0.16
		1892	M	0.14			1917	H	0.16
		1893	H	0.18			1918	H	0.16
			L	0.15			1919	H	0.16
		1894	H	0.25			1920	H	0.16
			L	0.18			1921	H	0.16
		1895	M	0.25			1922	H	0.16
		1896	M	0.25			1923	H	0.16
		1897	H	0.25			1924	H	0.16
			L	0.21			1925	H	0.16
		1898	H	0.28			1926	H	0.16
			L	0.25			1927	H	0.16
		1899	H	0.28			1928	H	0.16
			M	0.20			1929	H	0.16
			L	0.16			1930	H	0.16
		1870	H	0.28			1931	H	0.16
			L	0.18			1932	H	0.16
		1871	H	0.25			1933	H	0.16
			M	0.22			1934	H	0.16
			L	0.15			1935	H	0.16
		1872	H	0.25			1936	H	0.16
			L	0.20			1937	H	0.16
		1873	H	0.25			1938	H	0.16
			L	0.18			1939	H	0.16
		1874	H	0.25			1940	H	0.16
			M	0.21			1941	H	0.16
			L	0.18			1942	H	0.16

GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices			
MEATS AND GAME — Con.											MEATS AND GAME — Con.							
Mutton Chops — Con.											Mutton Chops — Con.							
United States-Con.											United States-Con.							
New York, . . .	lb.	1873	L	\$0.20				Ohio, . . .	lb.	1870	L	\$0.12						
		1874	H	0.22						1871	H	0.20						
			M	0.20							M	0.15						
			L	0.16							L	0.12						
		1875	M	0.20						1872	H	0.18						
		1876	H	0.20							M	0.15						
			L	0.18							L	0.12						
		1877	H	0.20						1873	H	0.18						
			L	0.18							M	0.15						
		1878	H	0.18							L	0.12						
			M	0.16						1874	H	0.16						
			L	0.14							L	0.12						
		1879	H	0.16						1875	H	0.15						
			L	0.14							L	0.11						
		1880	H	0.18						1876	H	0.15						
			L	0.14							L	0.11						
		1884	H	0.16						1877	H	0.15						
			L	0.14							M	0.12½						
Ohio, . . .	lb.	1851	H	0.10							L	0.10						
			M	0.08						1878	H	0.15						
			L	0.03							M	0.12½						
		1852	H	0.10							L	0.10						
			M	0.08						1879	H	0.15						
			L	0.03							M	0.12½						
		1853	M	0.10							L	0.10						
		1854	H	0.10						1880	H	0.15						
			L	0.08							M	0.12½						
		1855	H	0.12							L	0.10						
			L	0.08						Pennsylvania, . .	lb.	1851	M	0.05				
		1856	H	0.12								1852	M	0.05				
			L	0.09								1853	M	0.05				
		1857	H	0.12								1854	M	0.05				
			L	0.10								1855	M	0.05				
		1858	H	0.12								1856	M	0.05				
			L	0.08								1857	M	0.05				
		1859	H	0.12								1858	M	0.05				
			L	0.10								1859	M	0.05				
		1860	H	0.12								1860	M	0.05				
			M	0.10								1861	M	0.10				
			L	0.08								1862	M	0.11				
		1861	H	0.20								1863	M	0.12½				
			M	0.12								1864	H	0.14				
			ml	0.10									L	0.12½				
			L	0.07								1865	H	0.18				
		1862	H	0.12									L	0.12½				
			L	0.07								1866	H	0.18				
		1863	H	0.25									L	0.12½				
			M	0.12								1867	H	0.18				
			L	0.08									M	0.15				
		1864	H	0.25									L	0.12½				
			M	0.12								1868	H	0.18				
			L	0.08									L	0.12½				
		1865	H	0.22								1869	H	0.16				
			M	0.15									L	0.12½				
			L	0.09								1870	H	0.16				
		1866	H	0.20									L	0.12½				
			M	0.15								1871	H	0.18				
			L	0.10									M	0.16				
		1867	H	0.20									L	0.12½				
			M	0.18								1872	H	0.18				
			L	0.12									M	0.15				
		1868	H	0.18									L	0.12½				
			L	0.13								1873	H	0.18				
		1869	H	0.18									M	0.15				
			M	0.15									L	0.12				
			L	0.12								1874	H	0.16½				
		1870	H	0.18									M	0.14				
			M	0.15									L	0.12				



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
<b>Mutton Chops</b> — Con.					<b>Mutton Chops</b> — Con.				
<i>United States-Con.</i>					<i>Foreign Countries</i> — Con.				
Pennsylvania, . . lb.	1875	H		\$0.16	France, . . . lb.	1878	M		\$0.20
		M		0.14		1879	M		0.20
		L		0.12	Germany, . . lb.	1878	H		0.18
	1876	H		0.15			L		0.14 $\frac{1}{2}$
		L		0.12		1879	H		0.25
	1877	H		0.14			L		0.14 $\frac{1}{2}$
		L		0.12	Italy, . . . lb.	1878	M		0.18
	1878	H		0.14		1879	M		0.18
		M		0.12 $\frac{1}{2}$	Scotland, . . lb.	1878	M		0.24
		L		0.10		1879	M		0.24
	1879	H		0.13	Spain, . . . lb.	1878	H		0.18
		L		0.10			L		0.14
	1880	H		0.14		1879	M		0.14
		L		0.10	West Indies, . . lb.	1881	M		0.60
	1884	H		0.20					
		mh		0.18	<b>Pork.</b>				
		M		0.15	<i>United States.</i>				
		ml		0.12 $\frac{1}{2}$	California, . . lb.	1884	H		0.18
		L		0.09			L		0.15
West Virginia, . lb.	1851	M		0.08		1886	M		0.13
	1852	M		0.08		1888	M		0.13 $\frac{3}{4}$
	1853	M		0.08			M		0.22 $\frac{1}{2}$
	1854	M		0.08	Colorado, . . lb.	1888	H		0.19 $\frac{1}{2}$
	1855	M		0.08			mh		0.13 $\frac{1}{2}$
	1856	M		0.08			M		0.10
	1857	M		0.08			ml		0.06
	1858	M		0.08			L		0.09
	1859	M		0.06	Connecticut, . . lb.	1851	M		0.09
	1860	M		0.08		1852	M		0.08
	1861	M		0.12		1853	M		0.08
	1862	M		0.12		1854	H		0.12
	1863	M		0.12			L		0.09
	1864	M		0.12		1855	H		0.12
	1865	M		0.12			L		0.09
	1866	M		0.12		1856	H		0.12
	1867	M		0.12			L		0.10
	1868	M		0.12		1857	H		0.13
	1869	M		0.12			L		0.10
	1870	M		0.12		1858	H		0.12 $\frac{1}{2}$
	1871	M		0.10			L		0.10
	1872	M		0.10		1859	H		0.12
	1873	M		0.10			L		0.10
	1874	M		0.10		1860	H		0.20
	1875	M		0.10			M		0.12
	1876	M		0.12			L		0.08
	1877	M		0.12		1861	M		0.12
	1878	M		0.12		1862	H		0.12
	1879	M		0.10			L		0.10
	1880	M		0.12		1863	H		0.14
Wisconsin, . . lb.	1880	M		0.12			L		0.12
	1881	M		0.13		1864	H		0.20
	1882	M		0.12			M		0.15
	1883	H		0.14			L		0.12
		L		0.12		1865	H		0.22
	1884	H		0.15			M		0.15
		L		0.12			L		0.12
<i>Foreign Countries.</i>						1866	H		0.22
Belgium, . . . lb.	1878	M		0.20			M		0.16
	1879	M		0.20			L		0.14
England, . . . lb.	1873	H		0.24		1867	H		0.20
		L		0.22			M		0.16
	1874	H		0.25			L		0.11
		M		0.22		1868	H		0.20
		L		0.20			M		0.18
	1883	M		0.24			L		0.16
	1884	M		0.25		1869	H		0.25

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Pork — Con.</b>					<b>Pork — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Connecticut, . . . lb.	1869	M	\$0.20		Illinois, . . . lb.	1879	H	\$0.10	
		ml	0.18				M	0.08	
		L	0.16				L	0.04	
	1870	H	0.25			1880	H	0.12	
		M	0.22				L	0.10	
		L	0.18			1884	H	0.17	
	1871	H	0.25				mh	0.13	
		mh	0.20				M	0.10	
		M	0.15				ml	0.08	
		ml	0.12				L	0.04	
		L	0.10			1885	H	0.12½	
	1872	H	0.18				M	0.10	
		mh	0.16				L	0.07	
		M	0.14			1888	M	0.11	
		ml	0.12				M	0.06	
		L	0.10		Indiana, . . . lb.	1851	M	0.06	
	1873	H	0.18			1852	M	0.06	
		mh	0.16			1853	M	0.06	
		M	0.14			1854	M	0.06	
		ml	0.12			1855	M	0.06	
		L	0.10			1856	M	0.06	
	1874	H	0.16			1857	M	0.06	
		M	0.12			1858	M	0.06	
		L	0.10			1859	M	0.07	
	1875	H	0.18			1860	M	0.07	
		M	0.16			1861	M	0.07½	
		L	0.12			1866	H	0.15	
	1876	H	0.18				L	0.12½	
		mh	0.16			1867	H	0.20	
		M	0.14				L	0.12½	
		ml	0.12			1868	H	0.20	
		L	0.10				L	0.15	
	1877	H	0.16			1869	H	0.20	
		M	0.14				L	0.15	
		ml	0.12			1870	H	0.20	
		L	0.10				L	0.15	
	1878	H	0.14			1871	M	0.12½	
		M	0.12			1872	H	0.12½	
		L	0.10				L	0.10	
	1879	H	0.12½			1873	H	0.12½	
		M	0.10				L	0.08	
		L	0.08			1874	H	0.12½	
	1880	H	0.12½				L	0.08	
		L	0.09			1875	H	0.12½	
	1887	M	0.14				M	0.10	
	1888	M	0.14				L	0.08	
	1860	M	0.08			1876	H	0.12½	
	1861	M	0.07				L	0.08	
	1862	M	0.07			1877	H	0.10	
	1863	M	0.07				M	0.08	
	1864	M	0.15				L	0.06	
	1865	M	0.18			1878	H	0.10	
	1866	M	0.15				L	0.06	
	1867	M	0.10			1879	H	0.10	
	1868	H	0.15				L	0.08	
		L	0.09			1880	H	0.10	
	1869	M	0.15				L	0.08	
	1870	M	0.12½			1888	M	0.10½	
	1871	M	0.12½				M	0.15	
	1872	M	0.10			1866	M	0.15	
	1873	M	0.12½			1867	M	0.15	
	1874	M	0.12½			1868	M	0.12	
	1875	M	0.12½			1869	M	0.12	
	1876	M	0.10			1870	M	0.12	
	1877	M	0.10			1871	M	0.10	
	1878	H	0.12			1872	M	0.10	
		mh	0.10			1873	M	0.10	
		M	0.08			1874	M	0.10	
		L	0.04			1875	M	0.10	
						1876	M	0.10	
Illinois, . . . lb.					Iowa, . . . lb.				

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Pork — Con.					Pork — Con.				
United States—Con.					United States—Con.				
Iowa, . . . . lb.	1877	M	\$0.11		Massachusetts, . lb.	1852	L	\$0.07	
	1878	M	0.11			1853	H	0.10	
	1879	M	0.12 $\frac{1}{2}$				L	0.08	
	1880	M	0.12 $\frac{1}{2}$			1854	H	0.12	
	1885	H	0.12 $\frac{1}{2}$				M	0.10	
		M	0.09				L	0.08	
		L	0.05 $\frac{1}{2}$			1855	H	0.14	
	1887	H	0.13				M	0.10	
		M	0.10				L	0.08	
		L	0.07			1856	H	0.15	
	1888	M	0.10				M	0.13	
Kansas, . . . lb.	1871	M	0.09				L	0.09	
	1872	M	0.09			1857	H	0.15	
	1873	M	0.09				L	0.10	
	1874	M	0.09			1858	H	0.10	
	1875	M	0.09				L	0.08 $\frac{1}{2}$	
	1876	M	0.09			1859	H	0.12	
	1877	M	0.09				L	0.08	
	1878	M	0.09			1860	H	0.12 $\frac{1}{2}$	
	1879	M	0.09				L	0.09	
	1880	M	0.09			1861	H	0.12 $\frac{1}{2}$	
	1888	M	0.12 $\frac{1}{2}$				M	0.09 $\frac{1}{2}$	
Maryland, . . lb.	1882	M	0.15				L	0.07 $\frac{1}{2}$	
	1885	H	0.12			1862	H	0.10	
		L	0.09				L	0.07 $\frac{1}{2}$	
Massachusetts, . lb.	1830	H	0.09			1863	H	0.12	
		L	0.06				M	0.10 $\frac{1}{2}$	
	1831	H	0.09				L	0.07 $\frac{1}{2}$	
		M	0.07			1864	H	0.14	
		L	0.05				L	0.11 $\frac{1}{2}$	
	1832	M	0.07			1865	H	0.25	
	1833	M	0.08				M	0.19 $\frac{1}{2}$	
	1834	H	0.10				L	0.16 $\frac{1}{2}$	
		L	0.07			1866	H	0.25	
	1837	H	0.15				M	0.16	
		L	0.10				L	0.14 $\frac{1}{2}$	
	1838	H	0.14			1867	H	0.20	
		L	0.06				M	0.16	
	1839	H	0.15				L	0.13 $\frac{1}{2}$	
		L	0.12			1868	H	0.25	
	1840	M	0.10				L	0.13 $\frac{3}{4}$	
	1841	H	0.08			1869	H	0.22	
		L	0.06				M	0.17 $\frac{1}{2}$	
	1842	H	0.09				L	0.14 $\frac{1}{2}$	
		M	0.07			1870	H	0.22	
		L	0.04				M	0.17	
	1843	H	0.08				L	0.14	
		M	0.05			1871	H	0.20	
		L	0.03				L	0.11	
	1844	H	0.10			1872	H	0.16	
		M	0.08				M	0.14	
		L	0.05				L	0.09 $\frac{1}{2}$	
	1845	H	0.08			1873	H	0.16	
		L	0.06				M	0.12	
	1846	H	0.08				L	0.10	
		L	0.06			1874	H	0.18	
	1847	H	0.12				M	0.14	
		L	0.08				L	0.11	
	1848	H	0.10			1875	H	0.18	
		L	0.07				M	0.16	
	1849	H	0.10				L	0.13	
		L	0.06			1876	H	0.16	
	1850	H	0.09				M	0.12 $\frac{3}{4}$	
		L	0.06				L	0.10	
	1851	H	0.11 $\frac{1}{2}$			1877	H	0.16	
		M	0.08 $\frac{3}{4}$				L	0.10 $\frac{1}{2}$	
		L	0.06			1878	H	0.13	
	1852	H	0.10				L	0.10	
		M	0.09			1879	H	0.10	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Pork — Con.					Pork — Con.				
United States—Con.					United States—Con.				
Massachusetts, . lb.	1879	L	\$0.07		Michigan, . . lb.	1851	H	\$0.08	
	1880	H	0.16				L	0.06	
		mh	0.14			1852	H	0.10	
		M	0.12				L	0.07	
		ml	0.10			1853	H	0.10	
		L	0.08				L	0.06 $\frac{1}{2}$	
	1885	H	0.16			1854	H	0.08	
		mh	0.14				L	0.06	
		M	0.12			1855	H	0.11 $\frac{1}{2}$	
		ml	0.10				L	0.06	
		L	0.08			1856	H	0.10 $\frac{1}{2}$	
	1888	M	0.13				L	0.08	
	1891	H	0.16			1857	H	0.13	
		mh	0.14				L	0.08	
		M	0.12			1858	H	0.09 $\frac{1}{2}$	
		ml	0.09				L	0.08	
		L	0.06 $\frac{1}{2}$			1859	H	0.09	
Michigan, . . lb.	1825	H	0.07				L	0.07	
		L	0.06			1860	H	0.10	
	1826	H	0.06				L	0.08	
		L	0.05			1861	H	0.09	
	1827	H	0.08				L	0.06	
		L	0.06			1862	H	0.07	
	1828	H	0.08				L	0.05 $\frac{1}{2}$	
		L	0.06			1863	H	0.09	
		L	0.06				L	0.06	
	1829	H	0.07			1864	H	0.22	
		L	0.05 $\frac{1}{2}$				L	0.10	
	1830	H	0.08			1865	H	0.16	
		L	0.05 $\frac{1}{2}$				L	0.09 $\frac{1}{2}$	
	1831	H	0.08			1866	H	0.17	
		L	0.06				L	0.11	
	1832	H	0.07			1867	H	0.12	
		L	0.06				L	0.09	
	1833	H	0.08 $\frac{1}{2}$			1868	H	0.15	
		L	0.06				L	0.11	
	1834	H	0.08			1869	H	0.17	
		L	0.06				L	0.13	
	1835	H	0.09			1870	H	0.15	
		L	0.07				L	0.10	
	1836	H	0.15			1871	H	0.11 $\frac{1}{2}$	
		L	0.09				L	0.06	
	1837	H	0.12			1872	H	0.08	
		L	0.08				L	0.06	
	1838	H	0.13			1873	H	0.09 $\frac{1}{2}$	
		L	0.08				L	0.06 $\frac{1}{2}$	
	1839	H	0.12			1874	H	0.12	
		L	0.07				L	0.07	
	1840	H	0.08			1875	H	0.11	
		L	0.06 $\frac{1}{2}$				L	0.09	
	1841	H	0.06			1876	H	0.11	
		L	0.04				L	0.08	
	1842	H	0.05			1877	H	0.09	
		L	0.03				L	0.06	
	1843	H	0.06			1878	H	0.06 $\frac{1}{2}$	
		L	0.04				L	0.04	
	1844	H	0.05			1879	H	0.06	
		L	0.04				L	0.04	
	1845	H	0.07			1880	H	0.09	
		L	0.05				L	0.05	
	1846	H	0.07			1881	H	0.10	
		L	0.05				L	0.06	
	1847	H	0.08			1882	H	0.12	
		L	0.05				L	0.08	
	1848	H	0.06 $\frac{1}{2}$			1885	H	0.18	
		L	0.04 $\frac{1}{2}$				mh	0.15	
	1849	H	0.07				M	0.12	
		L	0.05				ml	0.09	
	1850	H	0.06				L	0.06	
		L	0.05						

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Pork — Con.</b>					<b>Pork — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Michigan, . . lb.	1888	M		\$0.11 $\frac{1}{2}$	New Jersey, . . lb.	1879	M		\$0.12
Minnesota, . . lb.	1888	M		0.12 $\frac{1}{2}$		1880	M		0.12
	1890	H		0.10		1882	H		0.16
		M		0.08			mh		0.14
		L		0.06			M		0.12
Missouri, . . lb.	1852	M		0.05			L		0.10
	1857	M		0.07		1884	H		0.18
	1858	H		0.05			L		0.12
		L		0.03		1885	H		0.18
	1859	M		0.05			L		0.12
	1860	M		0.05		1886	H		0.18
	1861	M		0.07			mh		0.18
	1862	M		0.07			M		0.14
	1863	M		0.07			ml		0.10
	1864	M		0.12			L		0.07
	1865	M		0.12	New York, . . lb.	1851	H		0.10
	1866	M		0.10			L		0.08
	1867	M		0.10		1832	H		0.12 $\frac{1}{2}$
	1868	M		0.10			L		0.10
	1869	H		0.15		1853	M		0.11
		L		0.08		1854	M		0.10
	1870	M		0.08		1855	H		0.12 $\frac{1}{2}$
	1871	M		0.08			L		0.10
	1872	M		0.08		1856	H		0.12 $\frac{1}{2}$
	1873	M		0.08			L		0.09
	1874	M		0.08		1857	H		0.14
	1875	M		0.07			L		0.11
	1876	M		0.07		1858	H		0.14
	1877	M		0.07			M		0.12
	1878	M		0.06			L		0.10
	1879	M		0.06		1859	H		0.12 $\frac{1}{2}$
	1880	H		0.08			L		0.10
		L		0.06		1860	M		0.11
	1889	H		0.12 $\frac{1}{2}$		1861	H		0.10
		L		0.08			L		0.08
Nebraska, . . lb.	1888	M		0.11 $\frac{1}{2}$		1862	M		0.10
New Jersey, . . lb.	1851	M		0.10		1863	H		0.14
	1852	M		0.12			M		0.12
	1853	M		0.10			L		0.10
	1854	M		0.10		1864	H		0.20
	1855	M		0.13			L		0.14
	1856	M		0.14		1865	H		0.28
	1857	M		0.15			M		0.16
	1858	M		0.12			L		0.14
	1859	M		0.12		1866	H		0.20
	1860	H		0.14			L		0.15
		L		0.12		1867	H		0.17
	1861	M		0.13			L		0.14
	1862	M		0.12		1868	M		0.16
	1863	M		0.15		1869	H		0.18
	1864	M		0.25			L		0.14
	1865	M		0.25		1870	H		0.18
	1866	M		0.25			M		0.16
	1867	H		0.25			L		0.12
		L		0.19		1871	H		0.20
	1868	M		0.25			M		0.16
	1869	H		0.25			ml		0.14
		L		0.20			L		0.12
	1870	M		0.25		1872	H		0.16
	1871	H		0.20			M		0.14
		L		0.16			L		0.11
	1872	M		0.20		1873	M		0.12 $\frac{1}{2}$
	1873	M		0.20		1874	H		0.14 $\frac{1}{2}$
	1874	H		0.20			L		0.11
		L		0.15		1875	H		0.16
	1875	M		0.18			L		0.11
	1876	M		0.18		1876	H		0.14
	1877	M		0.16			M		0.12
	1878	M		0.12			L		0.10



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Pork — Con.					Pork — Con.				
United States-Con.					United States-Con.				
New York, . . . lb.	1877	H	\$0.12 $\frac{1}{2}$		Ohio, . . . lb.	1869	M	\$0.15	
		L	0.10				ml	0.12	
	1878	H	0.12				L	0.10	
		M	0.10			1870	H	0.18	
		L	0.08				M	0.12 $\frac{1}{2}$	
	1879	H	0.12				L	0.10	
		M	0.10			1871	H	0.20	
		L	0.08				mh	0.15	
	1880	H	0.12				M	0.12	
		L	0.10				ml	0.10	
	1882	H	0.15				L	0.07	
		M	0.12			1872	H	0.20	
		ml	0.10				M	0.12	
	1884	H	0.13				ml	0.10	
		M	0.10				L	0.07	
		L	0.08			1873	H	0.18	
	1885	H	0.13				M	0.12	
		L	0.08				ml	0.10	
Ohio, . . . lb.	1851	H	0.08				L	0.07	
		L	0.02 $\frac{3}{4}$			1874	H	0.18	
	1852	H	0.08				M	0.10	
		L	0.04				L	0.08	
	1853	H	0.08			1875	H	0.15	
		L	0.06				M	0.10	
	1854	H	0.08				L	0.08	
		L	0.05			1876	H	0.15	
	1855	H	0.08				M	0.10	
		L	0.04				L	0.08	
	1856	H	0.08			1877	H	0.12 $\frac{1}{2}$	
		L	0.03				M	0.10	
	1857	H	0.08				L	0.07	
		L	0.04			1878	H	0.12 $\frac{1}{2}$	
	1858	H	0.08				M	0.10	
		L	0.05				ml	0.08	
	1859	H	0.08				L	0.06	
		L	0.06			1879	H	0.10	
	1860	H	0.08				M	0.08	
		L	0.04 $\frac{1}{2}$				L	0.06	
	1861	H	0.15			1880	H	0.10	
		M	0.10				M	0.08	
		L	0.06				L	0.06	
	1862	H	0.09			1887	H	0.14	
		L	0.06				M	0.11	
	1863	H	0.22				L	0.08	
		M	0.17			1888	M	0.08	
		ml	0.10		Pennsylvania, . . lb.	1851	M	0.03	
		L	0.08			1852	M	0.03	
	1864	H	0.22			1853	M	0.03	
		M	0.18			1854	M	0.03	
		L	0.10			1855	M	0.03	
	1865	H	0.22			1856	M	0.03	
		mh	0.20			1857	M	0.03	
		M	0.18			1858	M	0.03	
		ml	0.15			1859	M	0.03	
		L	0.10			1860	M	0.03	
	1866	H	0.20			1861	H	0.10	
		mh	0.18				L	0.05	
		M	0.15			1862	H	0.10	
		L	0.10				L	0.05 $\frac{1}{2}$	
	1867	H	0.20			1863	H	0.12	
		mh	0.18				L	0.06	
		M	0.12 $\frac{1}{2}$			1864	H	0.14	
		L	0.08				L	0.10	
	1868	H	0.18			1865	H	0.20	
		M	0.15				L	0.12	
		L	0.12			1866	H	0.25	
	1869	H	0.20				M	0.22	
		mh	0.18				L	0.13	
						1867	H	0.22	

GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices			
MEATS AND GAME — Con.											MEATS AND GAME — Con.							
Pork — Con.											Pork — Con.							
United States—Con.											United States—Con.							
Pennsylvania, . . .	lb.	1867	L	\$0.15				Tennessee, . . .	lb.	1880	M	\$0.07						
		1868	H	0.20						1881	M	0.14						
			L	0.11						1851	M	0.04						
		1869	H	0.18				West Virginia, . . .	lb.	1852	M	0.04						
			L	0.09						1853	M	0.04						
		1870	H	0.16						1854	M	0.04						
			L	0.08						1855	M	0.04						
		1871	H	0.14						1856	M	0.04						
			L	0.10						1857	M	0.04						
		1872	H	0.14						1858	M	0.04						
			M	0.12						1859	M	0.04						
			L	0.10						1860	M	0.04						
		1873	H	0.14						1861	M	0.05						
			L	0.12						1862	M	0.06						
		1874	H	0.15						1863	M	0.06						
			L	0.12						1864	M	0.06						
		1875	H	0.18						1865	M	0.08						
			mh	0.16						1866	M	0.08						
			M	0.14						1867	M	0.07						
			ml	0.12						1868	M	0.07						
			L	0.10						1869	M	0.07						
		1876	H	0.16						1870	M	0.06						
			mh	0.12½						1871	M	0.05						
			M	0.10						1872	M	0.05						
			L	0.08						1873	M	0.05						
		1877	H	0.16						1874	M	0.05						
			mh	0.12½						1875	M	0.06						
			M	0.10						1876	M	0.06						
			L	0.08						1877	M	0.05						
		1878	H	0.12½						1878	M	0.06						
			M	0.10						1879	M	0.08						
			L	0.08						1880	M	0.08						
		1879	H	0.12½				Wisconsin, . . .	lb.	1880	H	0.10						
			M	0.10							mh	0.08						
			L	0.08							M	0.06						
		1880	H	0.12½							ml	0.04						
			M	0.10							L	0.02						
			L	0.08							H	0.11						
		1882	H	0.16						1881								
			M	0.13							mh	0.09						
			L	0.10							M	0.07						
		1884	H	0.20							ml	0.05						
			mh	0.16							L	0.03						
			M	0.13						1882	H	0.12						
			ml	0.09							mh	0.10						
			L	0.06							M	0.08						
		1885	H	0.16							L	0.04						
			mh	0.14						1883	H	0.12½						
			M	0.11							mh	0.10						
			ml	0.08							M	0.08						
			L	0.05							L	0.05						
		1888	M	0.14						1884	H	0.14						
		1888	M	0.12½							mh	0.12						
		1863	M	0.10							M	0.08						
		1864	M	0.15							ml	0.06						
		1865	M	0.15							L	0.03						
		1866	M	0.12½						1888	M	0.10						
		1867	M	0.12				Foreign Countries.										
		1868	M	0.10				Alsace-Lorraine, . .	lb.	1882	M	0.14						
		1869	M	0.12½				Australia, . . .	lb.	1881	M	0.16						
		1871	M	0.07						1885	H	0.18						
		1872	M	0.07							L	0.12						
		1873	M	0.07				Austria, . . .	lb.	1878	H	0.21						
		1874	M	0.07							L	0.14						
		1875	M	0.07				Baden, . . .	lb.	1882	M	0.14						
		1876	M	0.08				Bavaria, . . .	lb.	1882	M	0.14						
		1877	M	0.07				Belgium, . . .	lb.	1878	H	0.20						
		1878	M	0.05							M	0.18						
		1879	M	0.08							L	0.16						
Rhode Island, . .	lb.																	
Tennessee, . . .	lb.																	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Pork — Con.</b>					<b>Pork — Con.</b>				
<i>Foreign Countries</i> — Con.					<i>Foreign Countries</i> — Con.				
Belgium, . . . lb.	1879	M		\$0.16	France, . . . lb.	1884	H		\$0.30
	1882	M		0.20			M		0.20
	1884	H		0.20			L		0.14
		L		0.16		1885	H		0.29
	1885	M		0.16			M		0.20
Bohemia, . . . lb.	1885	M		0.20			L		0.14
Brazil, . . . lb.	1882	H		0.20		1886	M		0.28
		L		0.18		1889	H		0.19
Canada, . . . lb.	1882	H		0.15			L		0.13
		mh		0.12		1891	H		0.18
		M		0.10			L		0.14
		ml		0.08	Germany, . . . lb.	1850	M		0.07
		L		0.06		1865	M		0.13
	1887	M		0.12 $\frac{1}{2}$		1866	M		0.14 $\frac{3}{4}$
China, . . . lb.	1889	M		0.12		1867	M		0.16 $\frac{3}{4}$
Denmark, . . . lb.	1878	M		0.13		1868	M		0.17
Ecuador, . . . lb.	1885	M		0.07		1869	M		0.16 $\frac{1}{2}$
England, . . . lb.	1873	M		0.16		1870	H		0.16 $\frac{1}{2}$
	1878	H		0.24			L		0.14
		mh		0.20		1871	M		0.16 $\frac{1}{2}$
		M		0.16		1872	M		0.16 $\frac{1}{2}$
		ml		0.12		1873	M		0.17 $\frac{1}{2}$
		L		0.08		1874	M		0.19
	1879	M		0.16 $\frac{1}{2}$		1875	H		0.19
	1881	M		0.16			L		0.16
	1882	H		0.18		1876	H		0.19
		mh		0.16			L		0.15
		M		0.14		1877	H		0.20
		ml		0.12			L		0.18
		L		0.10		1878	H		0.20
	1883	H		0.20			M		0.17
		M		0.17			L		0.14
		ml		0.12		1879	M		0.17
		L		0.09		1880	H		0.19
	1884	H		0.20			M		0.16 $\frac{3}{4}$
		L		0.16			L		0.13
	1885	H		0.20		1881	M		0.19
		L		0.16		1882	M		0.16
France, . . . lb.	1867	M		0.27		1883	H		0.23 $\frac{3}{4}$
	1868	M		0.27			L		0.16 $\frac{1}{2}$
	1869	M		0.28		1884	H		0.20
	1870	M		0.28			L		0.16
	1871	M		0.31		1885	H		0.20
	1872	M		0.31			M		0.17
	1873	H		0.33			L		0.14
		L		0.30		1886	M		0.16
	1874	H		0.35		1887	H		0.15 $\frac{1}{2}$
		M		0.31			L		0.12
		L		0.29		1888	M		0.13
	1875	H		0.32		1889	H		0.20
		L		0.29			L		0.17
	1876	H		0.42	Gulana, . . . lb.	1889	M		0.15
		M		0.39	Hawaiian Islands, . . lb.	1881	M		0.25
		L		0.31	Hesse, . . . lb.	1882	M		0.14
	1877	M		0.33		1887	M		0.27
	1878	H		0.32		1888	M		0.29
		M		0.26	Holland, . . . lb.	1882	H		0.19
		ml		0.16			L		0.16
		L		0.12		1884	H		0.22
	1879	H		0.30			L		0.14
		L		0.14	Ireland, . . . lb.	1878	H		0.20
	1880	H		0.31			M		0.14
		L		0.16			ml		0.12
	1881	H		0.32			L		0.10
		L		0.13		1884	H		0.20
	1882	H		0.32			M		0.12
		L		0.25			L		0.10
	1883	M		0.31	Italy, . . . lb.	1878	H		0.32

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
<b>Pork — Con.</b>					<b>Pork — Con.</b>				
<i>Foreign Countries</i> — Con.					<i>Foreign Countries</i> — Con.				
Italy, . . . lb.	1878	mh	\$0.26		Wurtemberg, . . lb.	1882	H	\$0.16 $\frac{1}{2}$	
		M	0.20				M	0.14 $\frac{1}{2}$	
		ml	0.16				L	0.12 $\frac{1}{2}$	
		L	0.13						
	1879	M	0.13						
	1882	M	0.25		<b>Pork (BACON).</b>				
	1884	H	0.16 $\frac{1}{2}$		<i>United States.</i>				
		L	0.13		California, . . lb.	1884	H	0.15	
	1885	H	0.18				L	0.12	
		L	0.15			1886	M	0.14	
	1889	H	0.20			1884	M	0.12	
		M	0.18			1855	M	0.12	
		L	0.13			1856	M	0.12	
Japan, . . . lb.	1880	H	0.15			1857	M	0.12	
		L	0.10			1858	M	0.12	
	1887	M	0.12			1859	H	0.25	
Mexico, . . . lb.	1882	H	0.18 $\frac{1}{2}$				L	0.12	
		L	0.06			1860	M	0.12	
	1883	M	0.12 $\frac{1}{2}$			1861	M	0.14	
New Zealand, . . lb.	1889	M	0.10			1862	H	0.14	
Nova Scotia, . . lb.	1890	M	0.05 $\frac{3}{4}$				L	0.10	
Portugal, . . . lb.	1878	M	0.18			1863	M	0.14	
	1882	M	0.15			1864	H	0.20	
Prussia, . . . lb.	1878	H	0.21				L	0.14	
		L	0.17			1865	H	0.25	
	1880	H	0.21 $\frac{1}{2}$				L	0.14	
		M	0.14 $\frac{1}{2}$			1866	H	0.25	
		L	0.10 $\frac{3}{4}$				L	0.16	
	1881	M	0.15 $\frac{1}{4}$			1867	H	0.25	
	1882	H	0.21				M	0.18	
		mh	0.18				L	0.16	
		M	0.16			1868	H	0.25	
		ml	0.13				M	0.20	
		L	0.10 $\frac{1}{2}$				ml	0.18	
	1884	H	0.20				L	0.16	
		L	0.16			1869	H	0.25	
	1885	H	0.20				M	0.20	
		L	0.16				L	0.18	
Russia, . . . lb.	1878	M	0.08			1870	H	0.25	
Saxony, . . . lb.	1878	M	0.18 $\frac{1}{2}$				mh	0.22	
	1882	M	0.14 $\frac{1}{2}$				M	0.20	
Scotland, . . . lb.	1878	H	0.22				ml	0.16	
		M	0.16				L	0.14	
		L	0.13			1871	H	0.25	
	1879	H	0.16				M	0.20	
		L	0.13				L	0.16	
	1884	H	0.16			1872	H	0.18	
		L	0.13				L	0.16	
Sicily, . . . lb.	1878	H	0.18			1873	H	0.18	
		L	0.11				M	0.16	
Spain, . . . lb.	1878	H	0.24				L	0.12	
		M	0.20			1874	H	0.18	
		ml	0.16				M	0.16	
		L	0.14				L	0.14	
	1879	M	0.24			1875	H	0.20	
	1884	M	0.24				mh	0.17	
Sweden, . . . lb.	1878	M	0.10				M	0.15	
Switzerland, . . lb.	1878	M	0.18				ml	0.12	
	1879	M	0.18				L	0.10	
	1884	H	0.20			1876	H	0.20	
		L	0.18				M	0.17	
	1885	H	0.20				L	0.15	
		L	0.18			1877	H	0.18	
United States of							M	0.16	
Colombia, . . . lb.	1883	M	0.20				L	0.14	
Wales, . . . lb.	1878	M	0.16			1878	H	0.16	
West Indies, . . lb.	1831	M	0.55				M	0.14	
	1889	M	0.16				L	0.12	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Pork (BACON) — Con.					Pork (BACON) — Con.				
United States—Con.					United States—Con.				
Connecticut, . . . lb.		1879	H	\$0.16	Indiana, . . . lb.		1852	L	\$0.06
			mh	0.14			1853	H	0.14
			M	0.12				L	0.06
			L	0.09			1854	H	0.13
		1880	H	0.16				L	0.06
			M	0.14			1855	H	0.12
			L	0.11				L	0.07
Florida, . . . lb.		1866	M	0.26			1856	H	0.12
		1867	M	0.18				L	0.06
		1868	M	0.22			1857	H	0.17
		1869	M	0.22				L	0.07
		1871	M	0.12 $\frac{1}{2}$			1858	H	0.17
		1872	M	0.15				L	0.07
		1873	M	0.13			1859	H	0.18
		1874	M	0.13				L	0.07
		1875	M	0.15			1860	H	0.18
		1876	M	0.15				L	0.07
		1877	M	0.12 $\frac{1}{2}$			1861	M	0.14
		1878	M	0.08			1862	M	0.15
		1879	M	0.07			1863	M	0.17
		1880	M	0.09			1864	M	0.17 $\frac{1}{2}$
Illinois, . . . lb.		1851	M	0.10			1865	H	0.20
		1855	M	0.11				L	0.15
		1860	M	0.10			1866	H	0.20
		1861	M	0.07				M	0.15
		1862	M	0.07				L	0.12
		1863	M	0.06			1867	H	0.22
		1864	M	0.17				M	0.15
		1865	M	0.22				L	0.13
		1866	M	0.15			1868	H	0.20
		1867	H	0.20				L	0.14
			L	0.15			1869	H	0.20
		1868	M	0.20				M	0.18
		1869	H	0.18				L	0.15
			L	0.16			1870	M	0.18
		1870	M	0.16			1871	M	0.16
		1871	H	0.15			1872	H	0.15
			L	0.11				L	0.13
		1872	M	0.12			1873	M	0.15
		1873	H	0.13			1874	H	0.15
			M	0.10				L	0.12 $\frac{1}{2}$
			L	0.08			1875	H	0.14
		1874	H	0.13				M	0.12
			L	0.10				L	0.09
		1875	M	0.16			1876	H	0.14
		1876	H	0.15				L	0.09
			L	0.12			1877	H	0.18
		1877	M	0.12 $\frac{1}{2}$				M	0.13
		1878	H	0.12				L	0.09
			M	0.09			1878	H	0.13
			L	0.07				M	0.10
		1879	H	0.12				L	0.08
			M	0.10			1879	H	0.15
			L	0.07				M	0.12
		1880	H	0.14				L	0.08
			L	0.10			1880	H	0.13
		1884	H	0.25				L	0.10
			mh	0.20	Iowa, . . . lb.		1865	M	0.18
			M	0.15			1866	M	0.20
			ml	0.11			1867	M	0.18
			L	0.07			1868	M	0.18
		1885	H	0.20			1869	M	0.15
			M	0.14			1870	M	0.15
			ml	0.12			1871	M	0.14
			L	0.10			1872	M	0.14
Indiana, . . . lb.		1851	H	0.14			1873	M	0.14
			L	0.06			1874	M	0.15
		1852	H	0.14			1875	M	0.15



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Pork (BACON)</b> — Con.					<b>Pork (BACON)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Iowa, . . . lb.		1876	M	\$0.15	Missouri, . . . lb.		1853	L	\$0.06½
		1877	M	0.16			1854	M	0.08½
		1878	M	0.16			1855	M	0.10
		1879	M	0.17			1856	M	0.10
		1880	M	0.18			1857	M	0.15
		1885	M	0.12½			1858	H	0.12½
Kansas, . . . lb.		1873	M	0.10				L	0.10
		1874	M	0.10			1859	H	0.12½
		1875	H	0.15				L	0.10
			L	0.10			1860	H	0.15
		1876	M	0.13½				L	0.11
		1877	M	0.09½			1861	H	0.20
		1878	M	0.06½				L	0.10½
		1879	M	0.06½			1862	H	0.20
		1880	M	0.07½				L	0.07
		1882	M	0.14			1863	H	0.15
		1884	M	0.12				L	0.10
Maryland, . . . lb.		1882	M	0.12			1864	H	0.20
		1885	H	0.15				L	0.15
			M	0.12½			1865	H	0.25
			L	0.09				M	0.22
Massachusetts, . . lb.		1830	M	0.08				L	0.18
		1831	M	0.12			1866	H	0.20
		1832	M	0.10				L	0.14
		1833	H	0.10			1867	H	0.20
			L	0.08				L	0.15
		1834	M	0.10			1868	M	0.20
		1835	M	0.10			1869	H	0.22
		1841	M	0.07				L	0.20
		1846	M	0.09			1870	H	0.22
		1867	M	0.17				L	0.20
		1868	M	0.18			1871	H	0.15
		1869	H	0.20				L	0.12½
			L	0.18			1872	H	0.12½
		1870	H	0.20				L	0.10½
			L	0.18			1873	M	0.12½
		1871	H	0.16½			1874	M	0.12½
			L	0.14½			1875	M	0.14
		1872	H	0.14			1876	M	0.15
			L	0.12½			1877	M	0.13
		1873	M	0.13½			1878	H	0.12
		1874	H	0.14½				L	0.09
			L	0.12½			1879	M	0.09
		1875	M	0.15½			1880	M	0.11
		1876	M	0.15½			1884	H	0.16½
		1877	M	0.14				mh	0.14
		1878	M	0.13½				M	0.11½
		1879	M	0.10½				ml	0.09½
		1880	H	0.20				L	0.07
			mh	0.17			1889	H	0.15
			M	0.15				mh	0.13½
			ml	0.12				M	0.11
			L	0.10				ml	0.09
		1885	H	0.20				L	0.07
			mh	0.18	New Jersey, . . . lb.		1867	M	0.18
			M	0.16			1869	M	0.19
			ml	0.14			1871	M	0.14
			L	0.12			1874	M	0.17
		1891	H	0.20			1880	M	0.12
			mh	0.17			1882	H	0.15
			M	0.15				M	0.12
			ml	0.12½				L	0.10
			L	0.10			1884	M	0.18
Minnesota, . . . lb.		1890	M	0.12½			1885	M	0.18
Missouri, . . . lb.		1851	M	0.10			1886	H	0.16
		1852	H	0.10				M	0.12½
			L	0.08				L	0.09
		1853	H	0.10	New York, . . . lb.		1851	H	0.10

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
<b>Pork (BACON)</b> — Con.					<b>Pork (BACON)</b> — Con.				
<i>United States-Con.</i>					<i>United States-Con.</i>				
New York, . . . lb.	1851	L	\$0.07		New York, . . . lb.	1878	H	\$0.12	
	1852	H	0.12				M	0.10	
		M	0.10				L	0.07 $\frac{1}{2}$	
		L	0.08		1879	H	0.12		
1853	H	0.11				M	0.09		
		L	0.09			L	0.08		
1854	M	0.10			1880	H	0.12		
1855	H	0.12				M	0.10		
	L	0.09				L	0.08		
1856	H	0.12 $\frac{1}{2}$			1882	H	0.16		
	L	0.09				M	0.14		
1857	M	0.12				L	0.12		
1858	H	0.12			1884	H	0.16		
	L	0.10				M	0.10		
1859	H	0.12 $\frac{1}{2}$				L	0.08		
	L	0.09			1885	M	0.16		
1860	H	0.11			1851	H	0.10		
	L	0.09				L	0.04		
1861	H	0.12			1852	H	0.10		
	L	0.08				M	0.06		
1862	H	0.14				L	0.04		
	M	0.10			1853	H	0.09		
	L	0.08				L	0.05		
1863	H	0.18			1854	H	0.10		
	M	0.10				L	0.05		
	L	0.08			1855	H	0.10		
1864	H	0.20				M	0.07		
	M	0.16				L	0.05		
	L	0.12			1856	H	0.10		
1865	H	0.23				L	0.05		
	M	0.20			1857	H	0.11		
	L	0.12				M	0.09		
1866	H	0.20				L	0.07		
	M	0.14			1858	H	0.11		
	L	0.12				M	0.09		
1867	H	0.20				L	0.07		
	M	0.12			1859	H	0.10		
	L	0.10				L	0.07		
1868	H	0.20			1860	H	0.10		
	M	0.14				L	0.05		
	L	0.12			1861	H	0.12		
1869	H	0.22				M	0.09		
	M	0.15				L	0.06		
	L	0.11			1862	H	0.12		
1870	H	0.15				M	0.09		
	L	0.12				L	0.06		
1871	H	0.16			1863	H	0.15		
	L	0.11				M	0.09		
1872	H	0.15				L	0.06		
	M	0.12			1864	H	0.20		
	L	0.08				mh	0.18		
1873	H	0.16				M	0.14		
	mh	0.14				ml	0.12		
	M	0.12				L	0.09		
	L	0.09 $\frac{1}{2}$			1865	H	0.20		
1874	H	0.16				M	0.15		
	mh	0.14				ml	0.12		
	M	0.12				L	0.10		
	L	0.10 $\frac{1}{2}$			1866	H	0.20		
1875	H	0.16				M	0.18		
	M	0.13				ml	0.12		
	L	0.11				L	0.10		
1876	H	0.16			1867	H	0.25		
	M	0.13 $\frac{1}{2}$				M	0.15		
	L	0.11				ml	0.12		
1877	H	0.14				L	0.10		
	M	0.11			1868	H	0.25		
	L	0.09				M	0.18		

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
<b>Pork (Bacon)</b> — Con.					<b>Pork (Bacon)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Ohio, . . . . lb.	1868	L	\$0.10		Pennsylvania, . . lb.	1867	H	\$0.17	
	1869	H	0.20			1868	L	0.09	
		L	0.10			1869	M	0.18	
	1870	H	0.19				H	0.18	
		L	0.10				L	0.16	
	1871	H	0.18			1870	M	0.14	
		M	0.14			1871	H	0.14	
		ml	0.10				M	0.12	
		L	0.08				L	0.10	
	1872	H	0.18			1872	H	0.14	
		M	0.14				M	0.12	
		ml	0.10				L	0.10	
		L	0.08			1873	H	0.14	
	1873	H	0.16				M	0.12	
		M	0.12				L	0.10	
		ml	0.10			1874	H	0.14 $\frac{1}{2}$	
		L	0.06				L	0.11	
	1874	H	0.16			1875	H	0.13	
		M	0.12				L	0.11	
		ml	0.10			1876	H	0.13	
		L	0.08				L	0.10	
	1875	H	0.16			1877	H	0.13	
		M	0.12 $\frac{1}{2}$				M	0.10	
		ml	0.10				L	0.08	
		L	0.08			1878	H	0.11	
	1876	H	0.15				L	0.07	
		M	0.12			1879	H	0.10	
		ml	0.10				L	0.07	
		L	0.08			1880	H	0.11	
	1877	H	0.15				L	0.07	
		M	0.12			1881	H	0.15	
		ml	0.10				M	0.12	
		L	0.07				L	0.10	
	1878	H	0.15			1884	M	0.12	
		M	0.12			1885	M	0.12	
		ml	0.10			1886	M	0.10	
		L	0.06		Tennessee, . . lb.	1851	M	0.05	
	1879	H	0.12 $\frac{1}{2}$			1855	M	0.12 $\frac{1}{2}$	
		M	0.09			1856	M	0.13 $\frac{1}{2}$	
		L	0.06			1857	M	0.14	
	1880	H	0.14			1863	M	0.17	
		mh	0.12			1864	M	0.20	
		M	0.10			1865	M	0.20	
		ml	0.08			1866	M	0.20	
		L	0.06			1867	M	0.15	
	1881	H	0.12 $\frac{3}{4}$			1868	M	0.12 $\frac{1}{2}$	
		M	0.10 $\frac{1}{2}$			1869	M	0.20	
		L	0.08			1870	M	0.18	
	1882	H	0.20			1871	H	0.12 $\frac{1}{2}$	
		M	0.16				L	0.09	
		L	0.11 $\frac{1}{2}$			1872	M	0.12	
	1883	M	0.18			1873	H	0.12 $\frac{1}{2}$	
Pennsylvania, . . lb.	1851	M	0.04				L	0.10	
	1852	M	0.04			1874	M	0.12	
	1853	M	0.04			1875	M	0.12	
	1854	M	0.04			1876	H	0.15	
	1855	M	0.04				L	0.11 $\frac{1}{2}$	
	1856	M	0.04			1877	H	0.11 $\frac{1}{4}$	
	1857	M	0.04				L	0.08	
	1858	M	0.04			1878	M	0.09 $\frac{1}{4}$	
	1859	M	0.04			1879	H	0.10	
	1860	M	0.04				M	0.08	
	1861	M	0.09				L	0.06	
	1862	M	0.09			1880	H	0.10	
	1863	M	0.10				L	0.08	
	1864	M	0.12		West Virginia, . . lb.	1851	M	0.08	
	1865	M	0.18			1852	M	0.08	
	1866	M	0.18			1853	M	0.08	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Pork (BACON)</b> — Con.					<b>Pork (BACON)</b> — Con.				
<i>United States-Con.</i>					<i>Foreign Countries</i> — Con.				
West Virginia, . lb.	1854	M	\$0.08		Canada, . . . lb.	1887	M	\$0.12 $\frac{1}{2}$	
	1855	M	0.08		England, . . . lb.	1873	H	0.20	
	1856	M	0.08				M	0.18	
	1857	M	0.08				L	0.15	
	1858	M	0.08			1878	H	0.24	
	1859	M	0.08				mh	0.22	
	1860	M	0.08				M	0.18	
	1861	M	0.10				ml	0.14	
	1862	M	0.12				L	0.06	
	1863	M	0.12			1879	H	0.16	
	1864	M	0.14				L	0.12	
	1865	M	0.14			1881	M	0.18	
	1866	M	0.12			1882	H	0.24	
	1867	M	0.12				mh	0.20	
	1868	M	0.12				M	0.18	
	1869	M	0.12				ml	0.16	
	1870	M	0.12				L	0.10	
	1871	M	0.10			1883	H	0.24	
	1872	M	0.10				M	0.18	
	1873	M	0.10				ml	0.14	
	1874	M	0.10				L	0.09	
	1875	M	0.10			1884	H	0.20	
	1876	M	0.10				M	0.16	
	1877	M	0.10				L	0.12	
	1878	M	0.10			1885	H	0.20	
	1879	M	0.10				L	0.20	
Wisconsin, . . lb.	1880	M	0.12		France, . . . lb.	1878	M	0.20	
	1880	H	0.13			1879	M	0.20	
		M	0.11			1882	H	0.35	
		L	0.09				L	0.30	
	1881	H	0.14			1884	H	0.20	
		M	0.12				L	0.15	
		L	0.10			1885	H	0.20	
	1882	H	0.16				L	0.15	
		M	0.14		Germany, . . lb.	1872	M	0.19	
		L	0.12			1873	M	0.20	
	1883	H	0.15			1874	M	0.19	
		M	0.13			1875	M	0.19	
		L	0.11			1876	M	0.20	
	1884	H	0.15			1877	H	0.26	
		L	0.11				L	0.20	
<i>Foreign Countries.</i>						1878	M	0.20	
Alsace-Lorraine, . lb.	1882	M	0.21 $\frac{1}{2}$			1879	H	0.20	
Australia, . . lb.	1878	M	0.18				L	0.17 $\frac{3}{4}$	
	1881	M	0.24			1880	H	0.21 $\frac{1}{2}$	
	1889	H	0.21 $\frac{1}{2}$				M	0.17 $\frac{3}{4}$	
		mh	0.18				L	0.13	
		M	0.16			1881	M	0.19	
		L	0.12			1882	H	0.19	
Austria, . . . lb.	1884	H	0.18				M	0.16	
		L	0.15				L	0.11	
	1885	H	0.18			1883	M	0.20	
		L	0.15			1884	M	0.20	
Baden, . . . lb.	1882	H	0.22			1885	H	0.20	
		L	0.17				L	0.15	
Bavaria, . . . lb.	1882	H	0.20			1889	M	0.24	
		L	0.17		Hesse, . . . lb.	1882	H	0.22	
Belgium, . . . lb.	1878	M	0.18				L	0.17	
	1879	M	0.18		Holland, . . . lb.	1882	M	0.19	
	1884	H	0.20			1884	H	0.18	
		M	0.18				L	0.16	
		L	0.16			1885	H	0.18	
	1885	H	0.20				L	0.16	
		L	0.16		Italy, . . . lb.	1878	H	0.25	
Canada, . . . lb.	1882	H	0.15				L	0.22	
		L	0.12			1879	M	0.22	
						1882	M	0.15	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Pork (BACON)</b> — Con.					<b>Pork (CORNEO)</b> — Con.				
<i>Foreign Countries</i> — Con.					<i>United States-Con.</i>				
Italy, . . . lb.	1884	H	\$0.22		Connecticut, . . lb.	1860	L	\$0.08	
		M	0.18			1861	H	0.12½	
		L	0.16				L	0.10	
	1889	M	0.18			1862	H	0.12	
Japan, . . . lb.	1881	M	0.22				L	0.10	
Mexico, . . . lb.	1883	M	0.50			1863	H	0.18	
New Zealand, . . lb.	1889	M	0.16				M	0.14	
Russia, . . . lb.	1878	H	0.30				ml	0.12	
		L	0.26				L	0.10	
	1880	H	0.20			1864	H	0.25	
		L	0.18				mh	0.22	
	1881	M	0.21				M	0.17	
	1882	H	0.24				ml	0.15	
		mh	0.22				L	0.12	
		M	0.19½			1865	H	0.25	
		ml	0.17				mh	0.21	
		L	0.14½				M	0.15	
Saxony, . . . lb.	1882	H	0.32				L	0.12	
		M	0.19			1866	H	0.25	
		L	0.15				M	0.16	
Spain, . . . lb.	1878	M	0.30				L	0.14	
	1879	M	0.35			1867	H	0.23	
Sweden, . . . lb.	1881	M	0.10				mh	0.20	
Switzerland, . . lb.	1882	M	0.20				M	0.18	
West Indies, . . lb.	1881	H	0.65				L	0.16	
		M	0.40			1868	H	0.20	
		L	0.25				M	0.18	
Wurtemberg, . . lb.	1882	H	0.24				L	0.16	
		mh	0.22			1869	H	0.24	
		M	0.20				mh	0.20	
		ml	0.18				M	0.18	
		L	0.16½				L	0.16	
						1870	H	0.24	
<b>Pork (CORNEO).</b>							mh	0.22	
<i>United States.</i>							M	0.20	
California, . . . lb.	1884	H	0.16				ml	0.18	
		L	0.10				L	0.14	
	1886	M	0.14			1871	H	0.22	
	1851	M	0.10				mh	0.20	
	1852	H	0.10				M	0.17	
		L	0.08				ml	0.14	
	1853	H	0.10				L	0.10	
		L	0.08			1872	H	0.20	
	1854	H	0.12				mh	0.18	
		M	0.10				M	0.15	
		L	0.08				ml	0.12½	
	1855	H	0.12				L	0.10	
		M	0.10			1873	H	0.20	
		L	0.08				mh	0.18	
	1856	H	0.12				M	0.15	
		M	0.10				ml	0.12	
		L	0.08				L	0.10	
	1857	H	0.14			1874	H	0.20	
		mh	0.12				mh	0.18	
		M	0.10				M	0.15	
		ml	0.08				ml	0.12	
		L	0.06				L	0.10	
	1858	H	0.12½			1875	H	0.20	
		M	0.10				mh	0.18	
		L	0.08				M	0.15	
	1859	H	0.12½				ml	0.12	
		M	0.10			1876	H	0.20	
		L	0.08				mh	0.18	
	1860	H	0.15				M	0.15	
		M	0.12				ml	0.12	
		ml	0.10				L	0.10	



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
<b>Pork (CORNEO)</b> — Con.					<b>Pork (CORNEO)</b> — Con.				
<i>United States-Con.</i>					<i>United States-Con.</i>				
Connecticut, . . . lb.		1877	H	\$0.16	Indiana, . . . lb.		1853	L	\$0.03
			M	0.13			1854	H	0.12
			L	0.10				L	0.03
		1878	H	0.16			1855	H	0.12
			M	0.12 $\frac{1}{2}$				L	0.03
			L	0.10			1856	H	0.13
		1879	H	0.15				L	0.03
			M	0.12			1857	H	0.12
			ml	0.10				L	0.03
			L	0.08			1858	H	0.12
		1880	H	0.15				L	0.03
			M	0.12			1859	H	0.12
			L	0.09				L	0.04
Illinois, . . . lb.		1851	M	0.08			1860	H	0.13
		1855	M	0.08				L	0.04
		1860	H	0.10			1861	M	0.13
			L	0.08			1862	M	0.15
		1861	M	0.06			1863	M	0.15
		1862	M	0.06			1864	H	0.16
		1863	M	0.06				L	0.12 $\frac{1}{2}$
		1864	M	0.17			1865	H	0.16
		1865	M	0.20				L	0.12 $\frac{1}{2}$
		1866	H	0.15			1866	H	0.20
			L	0.13				M	0.13
		1867	H	0.15				L	0.10
			L	0.13			1867	H	0.21
		1868	H	0.20				M	0.15
			L	0.15				ml	0.12 $\frac{1}{2}$
		1869	H	0.18				L	0.10
			L	0.15			1868	H	0.20
		1870	M	0.12 $\frac{1}{2}$				M	0.13
		1871	H	0.13				L	0.10
			L	0.11			1869	H	0.18
		1872	H	0.12				M	0.15
			L	0.10				ml	0.12 $\frac{1}{2}$
		1873	H	0.12 $\frac{1}{2}$				L	0.10
			L	0.10			1870	H	0.18
		1874	H	0.12 $\frac{1}{2}$				M	0.15
			L	0.10				ml	0.12 $\frac{1}{2}$
		1875	H	0.14				L	0.10
			L	0.11			1871	H	0.15
		1876	H	0.12 $\frac{1}{2}$				M	0.13
			L	0.08				L	0.10
		1877	M	0.10			1872	H	0.14
		1878	H	0.12				L	0.10
			mh	0.10			1873	H	0.14
			M	0.08				M	0.12
			ml	0.06				L	0.08
			L	0.04			1874	H	0.14
		1879	H	0.12				L	0.08
			M	0.09			1875	H	0.13
			L	0.04				M	0.08
		1880	H	0.12				L	0.06
			M	0.10			1876	H	0.15
			L	0.06				M	0.08
		1884	H	0.15				L	0.06
			mh	0.12			1877	H	0.15
			M	0.10				M	0.12
			ml	0.06				ml	0.08
			L	0.04				L	0.06
Indiana, . . . lb.		1851	H	0.11			1878	H	0.13
			M	0.05				M	0.08
			L	0.03				L	0.06
		1852	H	0.11			1879	H	0.14
			M	0.05				M	0.12
			L	0.03				ml	0.08
		1853	H	0.11				L	0.06
			M	0.05			1880	H	0.15

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Pork (CORNERD)</b> — Con.					<b>Pork (CORNERD)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Indiana, . . . lb.	1880	M		\$0.11	Massachusetts, . lb.	1853	H		\$0.11
		L		0.07			L		0.09
Iowa, . . . lb.	1865	H		0.15		1854	H		0.11
		L		0.12			L		0.09
	1866	M		0.15		1855	H		0.11
	1867	M		0.15			L		0.09
	1868	H		0.15		1856	H		0.13
		L		0.12			L		0.09
	1869	M		0.12		1857	H		0.13
	1870	H		0.12			L		0.09
		L		0.10		1858	H		0.14
	1871	M		0.10			L		0.09 $\frac{1}{2}$
	1872	M		0.10		1859	M		0.11
	1873	M		0.10		1860	H		0.12 $\frac{1}{2}$
	1874	M		0.11			L		0.09 $\frac{1}{2}$
	1875	M		0.10		1861	H		0.12 $\frac{1}{2}$
	1876	M		0.10			L		0.08
	1877	M		0.11		1862	H		0.10
	1878	M		0.11			L		0.08
	1879	M		0.12 $\frac{1}{2}$		1863	H		0.12
	1880	M		0.12 $\frac{1}{2}$			M		0.10 $\frac{1}{2}$
	1887	H		0.14			L		0.08 $\frac{1}{2}$
		M		0.11		1864	H		0.17 $\frac{1}{2}$
		L		0.07			M		0.14
Kansas, . . . lb.	1871	M		0.09			L		0.11
	1872	M		0.09		1865	H		0.25
	1873	H		0.09			L		0.18 $\frac{1}{2}$
		L		0.06 $\frac{1}{2}$		1866	H		0.25
	1874	H		0.09			M		0.19 $\frac{1}{2}$
		L		0.06			L		0.17
	1875	M		0.09		1867	H		0.21
	1876	M		0.09 $\frac{1}{2}$			mh		0.18
	1877	H		0.09			M		0.16
		L		0.07			ml		0.14
	1878	H		0.09			L		0.12 $\frac{1}{2}$
		L		0.05		1868	H		0.25
	1879	H		0.09			M		0.18
		L		0.06 $\frac{1}{2}$			ml		0.15
	1880	H		0.09			L		0.12 $\frac{2}{3}$
		L		0.06 $\frac{1}{2}$		1869	H		0.22
Kentucky, . . lb.	1872	M		0.04 $\frac{1}{2}$			mh		0.20
	1873	M		0.07 $\frac{1}{2}$			M		0.17 $\frac{1}{2}$
	1874	M		0.07 $\frac{1}{2}$			L		0.14
	1875	M		0.09 $\frac{1}{2}$		1870	H		0.24
	1876	M		0.07 $\frac{1}{2}$			M		0.19 $\frac{1}{2}$
	1877	M		0.05 $\frac{1}{2}$			L		0.13 $\frac{1}{2}$
	1880	M		0.04 $\frac{1}{2}$		1871	H		0.20
Maine, . . . lb.	1858	H		0.13			M		0.13
		L		0.09			L		0.09
	1865	M		0.27		1872	H		0.20
	1867	M		0.15			M		0.16
	1868	H		0.20			ml		0.12
		L		0.18			L		0.08
	1872	M		0.13		1873	H		0.16
	1877	M		0.14			M		0.12 $\frac{1}{2}$
	1878	H		0.14			L		0.08 $\frac{1}{2}$
		L		0.10		1874	H		0.18
	1882	M		0.15			M		0.14
	1887	H		0.12			L		0.11
		L		0.10		1875	H		0.18
	1888	H		0.12			M		0.15
		L		0.10			ml		0.13
	1889	H		0.12			L		0.11
		L		0.10		1876	H		0.16
Massachusetts, . lb.	1830	M		0.10			M		0.12 $\frac{1}{2}$
	1834	M		0.12			L		0.08
	1851	M		0.09 $\frac{1}{2}$		1877	H		0.17
	1852	M		0.10 $\frac{1}{2}$			M		0.11 $\frac{1}{2}$

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Pork (CORNERD) — Con.					Pork (CORNERD) — Con.				
United States—Con.					United States—Con.				
Massachusetts, . lb.	1877	L	\$0.09		Missouri, . lb.	1871	H	\$0.12	
	1878	H	0.14				L	0.10	
		M	0.12			1872	M	0.10	
		L	0.09 $\frac{1}{4}$			1873	M	0.10	
	1879	H	0.13			1874	H	0.15	
		M	0.10				L	0.08 $\frac{1}{4}$	
		L	0.07			1875	H	0.11	
	1880	H	0.14				L	0.09	
		mh	0.12			1876	H	0.11	
		M	0.10				L	0.08 $\frac{1}{4}$	
		L	0.07 $\frac{1}{4}$			1877	H	0.09	
	1885	H	0.12				L	0.06	
		M	0.10			1878	H	0.10	
		L	0.08				M	0.08	
	1891	H	0.14				L	0.05 $\frac{1}{2}$	
		mh	0.12			1879	H	0.10	
		M	0.10				L	0.05 $\frac{1}{2}$	
		ml	0.08			1880	H	0.10	
		L	0.06				L	0.07	
Michigan, . lb.	1885	H	0.13		New Jersey, . lb.	1851	M	0.08	
		M	0.10 $\frac{1}{2}$			1852	M	0.10	
		L	0.08			1853	M	0.09	
	1886	H	0.16			1854	M	0.09	
		L	0.12			1855	M	0.10	
Minnesota, . lb.	1890	H	0.10			1856	M	0.12 $\frac{1}{2}$	
		L	0.08			1857	M	0.13	
Missouri, . lb.	1851	H	0.10			1858	M	0.10	
		L	0.07			1859	M	0.10	
	1852	H	0.10			1860	H	0.12	
		L	0.06				L	0.10	
	1853	H	0.10			1861	M	0.11	
		L	0.05 $\frac{1}{2}$			1862	M	0.10	
	1854	M	0.08			1863	M	0.12	
	1855	M	0.09			1864	M	0.20	
	1856	H	0.09			1865	M	0.20	
		L	0.07			1866	M	0.20	
	1857	H	0.16 $\frac{1}{2}$			1867	H	0.20	
		L	0.11				L	0.18	
	1858	H	0.10			1868	M	0.20	
		L	0.06			1869	H	0.21	
	1859	H	0.10				L	0.19	
		M	0.08			1870	M	0.20	
		L	0.06			1871	H	0.15	
	1860	H	0.10				M	0.12	
		M	0.08				L	0.10	
		L	0.06			1872	M	0.18	
	1861	H	0.15			1873	M	0.18	
		M	0.13			1874	H	0.18	
		L	0.08				L	0.13 $\frac{1}{2}$	
	1862	H	0.15			1875	M	0.15	
		M	0.13			1876	M	0.15	
		L	0.05			1877	M	0.13	
	1863	H	0.10			1878	H	0.12	
		L	0.05 $\frac{1}{2}$				L	0.10	
	1864	H	0.14			1879	M	0.12	
		L	0.12			1880	H	0.12	
	1865	M	0.15				L	0.09	
	1866	H	0.16			1886	H	0.12	
		M	0.12				M	0.10	
		L	0.10				L	0.07	
	1867	H	0.15		New York, . lb.	1851	H	0.08	
		M	0.12 $\frac{1}{2}$				L	0.05	
		L	0.10			1852	H	0.12 $\frac{1}{2}$	
	1868	M	0.14				M	0.08	
	1869	H	0.15				L	0.05	
		L	0.10			1853	H	0.10	
	1870	H	0.16 $\frac{3}{4}$				M	0.08	
		L	0.10				L	0.06	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
<b>Pork (CORNEDED)</b> — Con.					<b>Pork (CORNEDED)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
New York, . . . lb.		1854	H	\$0.10	New York, . . . lb.		1873	ml	\$0.10
			L	0.07				L	0.08
		1855	H	0.10			1874	H	0.15
			L	0.08				M	0.12
		1856	H	0.12½				ml	0.10
			M	0.10				L	0.08
			L	0.07			1875	H	0.14
		1857	H	0.12				M	0.11
			L	0.09				L	0.08
		1858	H	0.11			1876	H	0.14
			L	0.09				M	0.11
		1859	H	0.11				L	0.09
			L	0.08			1877	H	0.14
		1860	H	0.10				M	0.11
			M	0.08				ml	0.09
			L	0.05				L	0.07
		1861	H	0.10			1878	H	0.10
			M	0.07				M	0.08
			L	0.05				L	0.04½
		1862	H	0.15			1879	H	0.10
			mh	0.12				M	0.08
			M	0.09				L	0.04½
			L	0.05			1880	H	0.10
		1863	H	0.20				M	0.08
			mh	0.18				L	0.05½
			M	0.11			1881	M	0.08
			ml	0.08			1882	M	0.09
			L	0.05½			1883	M	0.10
		1864	H	0.22			1884	H	0.10
			mh	0.18				L	0.08
			M	0.14			1885	M	0.06
			ml	0.12	Ohio, . . . lb.		1851	H	0.09
			L	0.08				M	0.06
		1865	H	0.24				L	0.04
			mh	0.20			1852	H	0.08
			M	0.15				L	0.04
			L	0.11			1853	H	0.08
		1866	H	0.20				L	0.05
			M	0.16			1854	H	0.08
			ml	0.14				L	0.05
			L	0.12			1855	H	0.10
		1867	H	0.20				M	0.08
			mh	0.17				L	0.05
			M	0.14			1856	H	0.08
			ml	0.12				L	0.05
			L	0.10			1857	H	0.08
		1868	H	0.20				L	0.05
			mh	0.16			1858	H	0.08
			M	0.14				L	0.05
			ml	0.12			1859	H	0.10
			L	0.10				M	0.08
		1869	H	0.19				L	0.05
			mh	0.16			1860	H	0.08
			M	0.14				L	0.05
			L	0.09			1861	H	0.12½
		1870	H	0.15				mh	0.10
			M	0.13				M	0.08
			L	0.10				L	0.05
		1871	H	0.18			1862	H	0.12
			mh	0.15				mh	0.10
			M	0.12				M	0.08
			ml	0.10				L	0.05
			L	0.08			1863	H	0.15
		1872	H	0.14				mh	0.12
			M	0.11				M	0.10
			L	0.07				ml	0.08
		1873	H	0.15				L	0.05
			M	0.12			1864	H	0.20

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Pork (CORNEO)</b> — Con.					<b>Pork (CORNEO)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Ohio, . . . lb.	1864	mh	\$0.18		Ohio, . . . lb.	1878	mh	\$0.12	
		M	0.15				M	0.10	
		ml	0.12				ml	0.08	
		L	0.08				L	0.06	
	1865	H	0.20			1879	H	0.12	
		mh	0.18				mh	0.10	
		M	0.15				M	0.08	
		ml	0.10				L	0.05	
		L	0.08			1880	H	0.10	
	1866	H	0.23				M	0.08	
		mh	0.20				L	0.06	
		M	0.18				H	0.09	
		ml	0.12½			1851	L	0.03	
		L	0.08			1852	H	0.10	
	1867	H	0.20				L	0.03	
		mh	0.18			1853	H	0.10	
		M	0.16				L	0.03	
		ml	0.12			1854	H	0.11	
		L	0.08				L	0.03	
	1868	H	0.20			1855	H	0.10	
		mh	0.18				L	0.03	
		M	0.15			1856	H	0.10	
		ml	0.12				L	0.03	
		L	0.08			1857	H	0.10	
	1869	H	0.19				L	0.03	
		M	0.15			1858	H	0.11	
		ml	0.12				L	0.03	
		L	0.08			1859	H	0.11	
	1870	H	0.20				L	0.03	
		mh	0.18			1860	H	0.10	
		M	0.14				L	0.03	
		ml	0.12			1861	H	0.11	
		L	0.08				mh	0.09	
	1871	H	0.18				M	0.07	
		mh	0.15				L	0.04	
		M	0.12½			1862	H	0.14	
		ml	0.10				M	0.09	
		L	0.07				ml	0.07	
	1872	H	0.18				L	0.05	
		mh	0.15			1863	H	0.12	
		M	0.12½				M	0.10	
		ml	0.10				L	0.08	
		L	0.07			1864	H	0.14	
	1873	H	0.17				M	0.12	
		mh	0.13				L	0.10	
		M	0.11			1865	H	0.22	
		ml	0.08				mh	0.18	
		L	0.06				M	0.15	
	1874	H	0.17				L	0.10	
		M	0.12			1866	H	0.18	
		ml	0.09				M	0.16	
		L	0.07				L	0.10	
	1875	H	0.16			1867	H	0.19	
		mh	0.13				M	0.14	
		M	0.11				ml	0.12	
		ml	0.09				L	0.08	
		L	0.07			1868	H	0.18	
	1876	H	0.16				mh	0.16	
		mh	0.13				M	0.13	
		M	0.11				L	0.08	
		ml	0.09			1869	H	0.19	
		L	0.07				mh	0.16	
	1877	H	0.15				M	0.14	
		mh	0.12½				ml	0.11½	
		M	0.10				L	0.07½	
		ml	0.08			1870	H	0.16	
		L	0.06				mh	0.14	
	1878	H	0.15				M	0.12	



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Pork (CORNEO)</b> — Con.					<b>Pork (CORNEO)</b> — Con.				
<i>United States-Con.</i>					<i>United States-Con.</i>				
Pennsylvania, . . . lb.		1870	L	\$0.09	Tennessee, . . . lb.		1868	L	\$0.10
		1871	H	0.16			1869	H	0.18
			mh	0.14				L	0.15
			M	0.12			1870	H	0.15
			ml	0.09				L	0.07
			L	0.07			1871	H	0.09½
		1872	H	0.16				L	0.07
			mh	0.14			1872	H	0.09
			M	0.12				L	0.06
			ml	0.10			1873	H	0.09½
			L	0.08				L	0.06
		1873	H	0.16			1874	H	0.09½
			mh	0.14				L	0.07
			M	0.12			1875	H	0.11½
			ml	0.10				M	0.09
			L	0.08				L	0.07
		1874	H	0.16			1876	H	0.11
			M	0.12½				L	0.08
			L	0.09			1877	H	0.09
		1875	H	0.15				L	0.07
			mh	0.12½			1878	M	0.07½
			M	0.10			1879	M	0.07
			L	0.06			1880	H	0.09
		1876	H	0.14				L	0.06½
			M	0.11			1851	M	0.07
			ml	0.08			1852	M	0.07
			L	0.06			1853	M	0.07
		1877	H	0.14			1854	M	0.07
			mh	0.12			1855	M	0.07
			M	0.10			1856	M	0.07
			L	0.07			1857	M	0.07
		1878	H	0.11			1858	M	0.07
			M	0.09			1859	M	0.07
			L	0.07			1860	M	0.07
		1879	H	0.10			1861	H	0.10
			L	0.06½				L	0.07
		1880	H	0.14			1862	H	0.12
			mh	0.12				L	0.08
			M	0.10			1863	H	0.12
			ml	0.08				L	0.08
			L	0.06			1864	H	0.12
		1881	H	0.15				L	0.08
			M	0.12			1865	H	0.14
			L	0.09				L	0.09
		1882	H	0.18			1866	H	0.14
			mh	0.16				L	0.09
			M	0.14			1867	H	0.15
			ml	0.12				L	0.08
			L	0.10			1868	H	0.15
		1884	H	0.18				L	0.08
			mh	0.15			1869	H	0.15
			M	0.13				L	0.08
			ml	0.10			1870	H	0.14
			L	0.08				L	0.07
		1851	M	0.04			1871	M	0.09
		1855	M	0.09			1872	M	0.09
		1856	M	0.10			1873	M	0.09
		1857	M	0.12½			1874	M	0.09
		1863	H	0.12½			1875	M	0.09
			L	0.10			1876	M	0.09
		1864	H	0.18			1877	M	0.09
			L	0.15			1878	M	0.09
		1865	H	0.18			1879	M	0.09
			L	0.15			1880	M	0.10
		1866	H	0.18			1880	H	0.12
			L	0.12½				M	0.10
		1867	M	0.12				ml	0.08
		1868	H	0.12½				L	0.06
Tennessee, . . . lb.					Wisconsin, . . . lb.				

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> —Con.					<b>MEATS AND GAME</b> —Con.				
<b>Pork (CORNERD)</b> —Con.					<b>Pork (CORNERD)</b> —Con.				
<i>United States—Con.</i>					<i>Foreign Countries</i> —Con.				
Wisconsin, . . . lb.	1881	H	\$0.12 $\frac{1}{2}$		Italy, . . . lb.	1884	H	\$0.20	
		M	0.10			1885	L	0.18	
		L	0.07				H	0.15	
	1882	H	0.14				L	0.13	
		M	0.12		Japan, . . . lb.	1881	M	0.10	
		ml	0.10			1887	M	0.14	
		L	0.08		Saxony, . . . lb.	1878	H	0.30	
	1883	H	0.15				L	0.17	
		M	0.12		Scotland, . . . lb.	1878	H	0.16	
		L	0.09				L	0.13	
	1884	H	0.15			1879	H	0.16	
		M	0.13				L	0.13	
		ml	0.10				M	0.12	
		L	0.07			1884	H	0.16	
<i>Foreign Countries.</i>							L	0.12	
Belgium, . . . lb.	1878	H	0.20		Spain, . . . lb.	1878	H	0.30	
		L	0.16				L	0.20	
	1879	H	0.20		Switzerland, . . . lb.	1878	H	0.23	
		L	0.16				L	0.20	
	1884	H	0.20			1879	M	0.20	
		L	0.16				M	0.20	
Bohemia, . . . lb.	1885	M	0.23		West Indies, . . . lb.	1884	M	0.20	
England, . . . lb.	1873	H	0.16			1881	M	0.40	
		M	0.14						
		ml	0.12		<b>Pork (HAMS).</b>				
		L	0.10		<i>United States.</i>				
	1878	H	0.17		California, . . . lb.	1884	H	0.16	
		M	0.14				L	0.14	
		ml	0.12			1886	H	0.15	
		L	0.10				L	0.13	
	1879	H	0.15				M	0.15 $\frac{1}{2}$	
		L	0.12		Colorado, . . . lb.	1888	H	0.20 $\frac{1}{2}$	
	1882	H	0.18				M	0.17	
		L	0.16				L	0.13 $\frac{1}{2}$	
	1884	H	0.15		Connecticut, . . . lb.	1851	M	0.11 $\frac{1}{2}$	
		L	0.12			1852	M	0.10	
France, . . . lb.	1878	H	0.18			1853	M	0.11	
		M	0.16			1854	H	0.14	
		L	0.14				L	0.10	
	1879	H	0.18			1855	M	0.14	
		L	0.14			1856	M	0.14	
	1884	H	0.18			1857	H	0.14	
		L	0.14				L	0.08	
	1889	M	0.14			1858	M	0.14	
	1891	M	0.14			1859	M	0.14	
Germany, . . . lb.	1878	H	0.20			1860	H	0.15	
		L	0.17				L	0.13	
	1879	H	0.20				H	0.14	
		L	0.17			1861	L	0.10	
	1884	H	0.19				H	0.14	
		L	0.17			1862	M	0.10	
Guiana, . . . lb.	1882	M	0.17 $\frac{1}{2}$				L	0.08	
	1889	M	0.13				H	0.22	
Hawaiian Islands, . lb.	1881	H	0.11			1863	mh	0.16	
		L	0.08				M	0.14	
Ireland, . . . lb.	1878	H	0.12				ml	0.12 $\frac{1}{2}$	
		L	0.10				L	0.10	
	1879	H	0.12			1864	H	0.20	
		L	0.10				M	0.18	
	1884	H	0.13				L	0.14	
		L	0.10			1865	H	0.25	
Italy, . . . lb.	1878	H	0.25				M	0.18	
		M	0.20				L	0.14	
		L	0.18			1866	H	0.28	
	1879	H	0.20				mh	0.25	
		L	0.18				M	0.20	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Pork (HAMS)</b> — Con.					<b>Pork (HAMS)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Connecticut, . . . lb.		1866	L	\$0.16	Florida, . . . lb.		1880	M	\$0.13
		1867	H	0.28			1851	M	0.12
			M	0.20			1853	M	0.12
			L	0.18			1854	M	0.12
		1868	H	0.23			1855	M	0.12
			M	0.20			1860	M	0.12½
			L	0.18			1861	H	0.10
		1869	H	0.23				L	0.08
			M	0.20			1862	M	0.10
			L	0.18			1863	M	0.10
		1870	H	0.27			1864	M	0.19
			M	0.23			1865	H	0.25
			ml	0.20				L	0.20
			L	0.16			1866	M	0.15
		1871	H	0.25			1867	M	0.18
			mh	0.22			1868	H	0.22
			M	0.20				L	0.20
			L	0.14			1869	M	0.20
		1872	H	0.25			1870	H	0.19
			M	0.20				L	0.17
			ml	0.16			1871	M	0.16½
			L	0.14			1872	M	0.12½
		1873	H	0.25			1873	H	0.15
			M	0.20				L	0.13
			ml	0.18			1874	H	0.18
			L	0.14				M	0.16
		1874	H	0.25				L	0.12½
			M	0.19			1875	H	0.18
			ml	0.16				L	0.15
			L	0.14			1876	H	0.20
		1875	H	0.25				M	0.16
			M	0.18				L	0.12
			ml	0.16			1877	H	0.15
			L	0.14				L	0.12½
		1876	H	0.25			1878	H	0.16
			M	0.18				M	0.12½
			ml	0.16				ml	0.10
			L	0.14				L	0.07
		1877	H	0.20			1879	H	0.15
			M	0.17				M	0.12
			ml	0.15				L	0.07
			L	0.13			1880	H	0.14
		1878	H	0.20				L	0.12
			M	0.14			1884	H	0.20
			L	0.12				mh	0.16
		1879	H	0.18				M	0.13½
			M	0.14				ml	0.10
			L	0.12				L	0.07
		1880	H	0.18			1885	H	0.18
			M	0.14				M	0.16
			ml	0.12				L	0.14
			L	0.10			1888	M	0.15
		1887	H	0.18	Indiana, . . . lb.		1851	H	0.17
			M	0.14				L	0.07
		1888	M	0.14½			1852	H	0.17
Florida, . . . lb.		1866	M	0.30				L	0.07
		1867	M	0.20			1853	H	0.18
		1868	M	0.28				L	0.07
		1869	M	0.25			1854	H	0.18
		1871	M	0.20				L	0.07
		1872	M	0.20			1855	H	0.17
		1873	M	0.20				L	0.07
		1874	M	0.18			1856	H	0.18
		1875	M	0.18				L	0.07
		1876	M	0.19			1857	H	0.20
		1877	M	0.16				L	0.07
		1878	M	0.13			1858	H	0.18
		1879	M	0.12½				L	0.07

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Pork (HAMS) — Con.					Pork (HAMS) — Con.				
United States—Con.					United States—Con.				
Indiana, . . . lb.		1859	H	\$0.18	Iowa, . . . lb.		1888	M	\$0.13
			L	0.08			1873	M	0.12 $\frac{1}{2}$
		1860	H	0.20	Kansas, . . . lb.		1874	M	0.12 $\frac{1}{2}$
			L	0.08			1875	M	0.12 $\frac{1}{2}$
		1861	M	0.15			1876	M	0.13
		1862	M	0.17			1877	M	0.11
		1863	M	0.18			1878	M	0.08
		1864	M	0.19			1879	M	0.07 $\frac{1}{2}$
		1865	H	0.25			1880	M	0.09
			L	0.16			1888	M	0.15
		1866	H	0.23	Kentucky, . . lb.		1872	M	0.11 $\frac{1}{2}$
			L	0.15			1873	M	0.13 $\frac{1}{2}$
		1867	H	0.25			1874	M	0.13
			L	0.15			1877	M	0.10 $\frac{1}{2}$
		1868	H	0.22	Maine, . . . lb.		1858	M	0.14
			L	0.15			1868	H	0.25
		1869	H	0.22				L	0.16
			L	0.18			1878	M	0.15
		1870	H	0.20			1887	M	0.19
			L	0.18			1888	M	0.18
		1871	H	0.19	Maryland, . . lb.		1882	M	0.20
			L	0.15			1885	H	0.17
		1872	H	0.19				L	0.12 $\frac{1}{2}$
			M	0.15	Massachusetts, . lb.		1832	M	0.10
			L	0.13			1834	M	0.10
		1873	H	0.18			1837	M	0.10
			L	0.12 $\frac{1}{2}$			1843	M	0.09
		1874	H	0.18			1845	M	0.10
			M	0.16			1847	M	0.12
			L	0.12 $\frac{1}{2}$			1848	M	0.10
		1875	H	0.18			1849	M	0.11
			M	0.15			1850	M	0.10
			L	0.09			1851	M	0.11 $\frac{1}{2}$
		1876	H	0.17			1852	M	0.13 $\frac{1}{2}$
			L	0.09			1853	M	0.14
		1877	H	0.18			1854	H	0.14
			M	0.16				L	0.12
			L	0.09			1855	H	0.14
		1878	H	0.15				L	0.10
			L	0.10			1856	M	0.14 $\frac{1}{2}$
		1879	H	0.18			1857	M	0.14
			M	0.14			1858	H	0.13
			L	0.09				L	0.11
		1880	H	0.15			1859	M	0.12
			L	0.09			1860	H	0.14
		1888	M	0.13 $\frac{1}{2}$				M	0.12
Iowa, . . . lb.		1865	M	0.18				L	0.10
		1866	M	0.20			1861	H	0.13
		1867	M	0.20				L	0.09 $\frac{1}{2}$
		1868	M	0.18			1862	H	0.13
		1869	M	0.18				M	0.10 $\frac{1}{2}$
		1870	M	0.15				L	0.08 $\frac{1}{2}$
		1871	M	0.15			1863	H	0.16
		1872	M	0.15				L	0.10 $\frac{1}{2}$
		1873	M	0.16			1864	H	0.18
		1874	M	0.17				L	0.16
		1875	M	0.16			1865	H	0.25
		1876	M	0.15				L	0.21 $\frac{1}{2}$
		1877	M	0.16			1866	H	0.25
		1878	M	0.17				M	0.22 $\frac{1}{2}$
		1879	M	0.18				L	0.18 $\frac{1}{2}$
		1880	M	0.18			1867	H	0.24
		1885	M	0.12 $\frac{1}{2}$				M	0.20
		1887	H	0.20				L	0.15
			mh	0.18			1868	H	0.28
			M	0.15				M	0.25
			ml	0.12 $\frac{1}{2}$				L	0.17
			L	0.10			1869	H	0.25

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Pork (HAMS) — Con.					Pork (HAMS) — Con.				
United States—Con.					United States—Con.				
Massachusetts, . lb.		1869	M	\$0.20 $\frac{1}{2}$	Michigan, . . lb.		1837	L	\$0.09
			L	0.18 $\frac{1}{2}$			1838	L	0.15
		1870	H	0.28				L	0.10
			M	0.25			1839	H	0.14
			ml	0.19				L	0.10
			L	0.17			1840	H	0.10
		1871	H	0.25				L	0.04
			M	0.20			1841	H	0.09
			ml	0.16 $\frac{1}{2}$				L	0.04
			L	0.13			1842	H	0.09
		1872	H	0.25				L	0.04
			M	0.16			1843	H	0.09
			L	0.12 $\frac{1}{2}$				L	0.03
		1873	H	0.25			1844	H	0.09
			M	0.16				L	0.03
			L	0.12 $\frac{1}{2}$			1845	H	0.10
		1874	H	0.25				L	0.05
			M	0.16			1846	H	0.11
			L	0.12 $\frac{1}{2}$				L	0.05
		1875	H	0.25			1847	H	0.13
			M	0.18				L	0.06
			L	0.14			1848	H	0.11
		1876	H	0.25				L	0.05
			M	0.16			1849	H	0.11
			L	0.14				L	0.06
		1877	H	0.25			1850	H	0.11
			M	0.16				L	0.06
			L	0.11			1851	H	0.11
		1878	H	0.20				L	0.07
			L	0.12			1852	H	0.10
		1879	H	0.18				L	0.08
			M	0.11			1853	H	0.10
			L	0.08 $\frac{3}{4}$				L	0.08
		1880	H	0.13			1854	H	0.11
			M	0.13				L	0.07
			L	0.10 $\frac{1}{2}$			1855	H	0.11
		1885	H	0.17				L	0.08
			L	0.15			1856	H	0.11
		1888	M	0.14				L	0.09
		1891	H	0.23			1857	H	0.10
			mh	0.18				L	0.06
			M	0.15			1858	H	0.13
			ml	0.12				L	0.09
			L	0.09			1859	H	0.12
Michigan, . . lb.		1825	H	0.11				L	0.09
			L	0.07			1860	H	0.13
		1826	H	0.11				L	0.10
			L	0.08			1861	H	0.11
		1827	H	0.12				L	0.07
			L	0.10			1862	H	0.09
		1828	H	0.11				L	0.05
			L	0.08			1863	H	0.08
		1829	M	0.10				L	0.05
		1830	H	0.11			1864	H	0.17
			L	0.09				L	0.11
		1831	H	0.11			1865	H	0.23
			L	0.09				L	0.11
		1832	H	0.11			1866	H	0.22
			L	0.09				L	0.11
		1833	H	0.10			1867	H	0.16
			L	0.08				L	0.10
		1834	H	0.10			1868	H	0.18
			L	0.08				L	0.11
		1835	H	0.12			1869	H	0.24
			L	0.08				L	0.17
		1836	H	0.17			1870	H	0.14
			L	0.09				L	0.09
		1837	H	0.15			1871	H	0.13



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Pork (HAMS)</b> — Con.					<b>Pork (HAMS)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Michigan, . . . lb.		1871	L	\$0.06	Missouri, . . . lb.		1869	L	\$0.20
		1872	L	0.09			1870	H	0.25
			L	0.06				L	0.21
		1873	H	0.10			1871	H	0.18
			L	0.05				L	0.15
		1874	H	0.11			1872	H	0.16 $\frac{3}{4}$
			L	0.08				L	0.13
		1875	H	0.11			1873	M	0.16
			L	0.09			1874	H	0.20
		1876	H	0.13				M	0.16
			L	0.07				L	0.14
		1877	H	0.14			1875	M	0.17
			L	0.10			1876	M	0.18
		1878	H	0.12			1877	M	0.15
			L	0.07			1878	H	0.12 $\frac{1}{2}$
		1879	H	0.12				L	0.09
			L	0.07			1879	H	0.12 $\frac{1}{2}$
		1880	H	0.11 $\frac{3}{4}$				L	0.09 $\frac{1}{2}$
			L	0.08			1880	H	0.15
		1881	H	0.14 $\frac{1}{4}$				L	0.13
			L	0.09 $\frac{1}{2}$			1889	H	0.16 $\frac{3}{4}$
		1882	H	0.16 $\frac{1}{2}$				M	0.14
			L	0.11				L	0.11
		1885	H	0.19	Nebraska, . . . lb.		1888	M	0.14
			mh	0.16 $\frac{1}{2}$	New Jersey, . . . lb.		1881	M	0.14
			M	0.14			1882	M	0.12
			ml	0.12			1883	M	0.13
			L	0.10			1884	M	0.15
		1886	H	0.18			1885	M	0.14
			L	0.15			1886	M	0.14
Minnesota, . . . lb.		1888	M	0.16			1887	M	0.15
		1888	M	0.18			1888	M	0.14
		1890	H	0.15			1889	M	0.15
			M	0.12 $\frac{1}{2}$			1890	M	0.15
Missouri, . . . lb.			L	0.10			1861	M	0.14
		1851	M	0.10			1862	M	0.14
		1852	H	0.12 $\frac{1}{2}$			1863	M	0.15
			L	0.09			1864	M	0.22
		1853	H	0.12 $\frac{1}{2}$			1865	M	0.28
			L	0.07 $\frac{1}{2}$			1866	M	0.33
		1854	M	0.08 $\frac{1}{2}$			1867	M	0.23
		1855	M	0.12			1868	M	0.23
		1856	M	0.11			1869	H	0.25
		1857	H	0.18				L	0.28
			L	0.14			1870	M	0.25
		1858	H	0.15			1871	H	0.22
			L	0.09				L	0.16
		1859	H	0.15			1872	M	0.18
			L	0.11			1873	M	0.20
		1860	H	0.15			1874	M	0.18
			L	0.10			1875	M	0.20
		1861	H	0.20			1876	M	0.20
			L	0.10			1877	M	0.16
		1862	H	0.20			1878	H	0.15
			L	0.08				L	0.13
		1863	H	0.15			1879	M	0.15
			L	0.10			1880	H	0.16
		1864	M	0.19				L	0.12 $\frac{1}{2}$
		1865	H	0.26			1882	H	0.18
			L	0.22				M	0.15
		1866	H	0.25				L	0.13
			L	0.15			1884	H	0.18
		1867	H	0.25				L	0.12
			M	0.15			1885	H	0.18
			L	0.12 $\frac{1}{2}$				M	0.16
		1868	H	0.23				L	0.12
			L	0.21			1886	H	0.20
		1869	H	0.25				mh	0.16

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Pork (HAMS) — Con.					Pork (HAMS) — Con.				
United States—Con.					United States—Con.				
New Jersey, . . lb.	1886	M		\$0.13	New York, . . lb.	1872	M		\$0.14
		ml		0.10 $\frac{1}{2}$			ml		0.11
		L		0.08			L		0.09
New York, . . lb.	1851	H		0.11		1873	H		0.18
		L		0.08			mh		0.16
	1852	H		0.11			M		0.14
		L		0.09			ml		0.12
	1853	H		0.12			L		0.09
		L		0.10		1874	H		0.18
	1854	H		0.12			mh		0.16
		L		0.10			M		0.13
	1855	H		0.12 $\frac{1}{2}$			L		0.10
		M		0.10		1875	H		0.16
		L		0.08			M		0.13
	1856	H		0.12 $\frac{1}{2}$			L		0.11
		L		0.10		1876	H		0.18
	1857	H		0.14			mh		0.16
		L		0.10			M		0.14
	1858	H		0.15			L		0.12
		M		0.12 $\frac{1}{2}$		1877	H		0.16
		L		0.09			M		0.12
	1859	H		0.14			L		0.10
		L		0.10 $\frac{1}{2}$		1878	H		0.12 $\frac{1}{2}$
	1860	H		0.15			M		0.10
		M		0.12			L		0.08
		L		0.09		1879	H		0.12
	1861	H		0.14			M		0.10
		M		0.12			L		0.07
		L		0.10		1880	H		0.14
	1862	H		0.15			M		0.12
		M		0.12			L		0.07
		L		0.08		1881	M		0.08
	1863	H		0.22		1882	H		0.17
		M		0.12			M		0.14
		L		0.08 $\frac{1}{2}$			ml		0.12
	1864	H		0.26			L		0.10
		M		0.20		1883	M		0.11
		ml		0.16		1884	H		0.16
		L		0.12			M		0.12
	1865	H		0.25			ml		0.10
		mh		0.23			L		0.08
		M		0.20		1885	H		0.16
		L		0.15			L		0.09 $\frac{1}{2}$
	1866	H		0.25	Ohio, . . lb.	1851	H		0.10
		M		0.18			M		0.08
		L		0.14			L		0.06
	1867	H		0.28		1852	H		0.10
		mh		0.25			L		0.08
		M		0.20		1853	H		0.11
		L		0.12			L		0.07
	1868	H		0.28		1854	H		0.12
		M		0.20			M		0.10
		ml		0.18			L		0.08
		L		0.12		1855	H		0.12 $\frac{1}{2}$
	1869	H		0.24			M		0.10
		mh		0.22			L		0.08
		M		0.20		1856	H		0.12
		ml		0.18			L		0.08
		L		0.11		1857	H		0.12
	1870	H		0.22			L		0.09
		M		0.18		1858	H		0.12 $\frac{1}{2}$
		ml		0.16			L		0.09
		L		0.12		1859	H		0.12 $\frac{1}{2}$
	1871	H		0.18			L		0.09
		mh		0.16		1860	H		0.12
		M		0.14			M		0.09
		L		0.11 $\frac{1}{2}$			L		0.07
	1872	H		0.18		1861	H		0.14

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Pork (HAMS)</b> — Con.					<b>Pork (HAMS)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Ohio, . . . . lb.		1861	M	\$0.12	Ohio, . . . . lb.	1880	H	\$0.18	
			L	0.08			mh	0.16	
		1862	H	0.15			M	0.14	
			M	0.12			ml	0.12	
			L	0.08			L	0.10	
		1863	H	0.18		1881	H	0.13 $\frac{1}{2}$	
			mh	0.15			L	0.10 $\frac{1}{2}$	
			M	0.12		1882	H	0.21	
			L	0.08			M	0.17	
		1864	H	0.25			L	0.12 $\frac{1}{2}$	
			M	0.20		1883	M	0.18 $\frac{1}{2}$	
			ml	0.17		1887	H	0.18	
			L	0.15			mh	0.15	
		1865	H	0.34			M	0.13	
			M	0.25			ml	0.11	
			ml	0.20			L	0.08	
			L	0.15		1888	M	0.11	
		1866	H	0.25	Pennsylvania, . . lb.	1851	H	0.14	
			M	0.21			L	0.06	
			ml	0.17		1852	H	0.13	
			L	0.15			L	0.06	
		1867	H	0.25		1853	H	0.14	
			mh	0.23			L	0.06	
			M	0.18		1854	H	0.14	
			L	0.15			L	0.06	
		1868	H	0.25		1855	H	0.14	
			mh	0.22			L	0.06	
			M	0.20		1856	H	0.14	
			ml	0.18			L	0.06	
			L	0.13		1857	H	0.12	
		1869	H	0.22			L	0.06	
			mh	0.20		1858	H	0.13 $\frac{1}{2}$	
			M	0.18			L	0.06	
			ml	0.15		1859	H	0.14	
			L	0.12 $\frac{1}{2}$			L	0.06	
		1870	H	0.23		1860	H	0.14	
			mh	0.20			L	0.06	
			M	0.17		1861	H	0.14	
			ml	0.13			L	0.10	
			L	0.10		1862	H	0.14	
		1871	H	0.20			L	0.10	
			M	0.17		1863	H	0.16	
			L	0.12 $\frac{1}{2}$			L	0.12	
		1872	H	0.20		1864	H	0.22	
			mh	0.18			M	0.18	
			M	0.15			L	0.15	
			L	0.12 $\frac{1}{2}$		1865	H	0.35	
		1873	H	0.18			M	0.24	
			M	0.15			L	0.20	
			L	0.12 $\frac{1}{2}$		1866	H	0.30	
		1874	H	0.18			M	0.25	
			M	0.15			L	0.20	
			L	0.12 $\frac{1}{2}$		1867	H	0.28	
		1875	H	0.18			M	0.23	
			M	0.15			L	0.18	
			L	0.12 $\frac{1}{2}$		1868	H	0.24	
		1876	H	0.16			L	0.18	
			M	0.14		1869	H	0.24	
			L	0.11			M	0.20	
		1877	H	0.16			L	0.17	
			L	0.12 $\frac{1}{2}$		1870	H	0.24	
		1878	H	0.15			M	0.18	
			M	0.12 $\frac{1}{2}$			L	0.14	
			L	0.10		1871	H	0.20	
		1879	H	0.15			M	0.17	
			mh	0.13			L	0.15	
			M	0.11		1872	H	0.20	
			L	0.09			M	0.18	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Pork (Hams)</b> — Con.					<b>Pork (Hams)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Pennsylvania, . . lb.		1872	L	\$0.15	Tennessee, . . lb.		1875	L	\$0.14
		1873	H	0.20			1876	M	0.16½
			M	0.16			1877	H	0.14
			L	0.14				L	0.10
		1874	H	0.20			1878	H	0.13½
			M	0.17				L	0.09½
			L	0.15			1879	H	0.12
		1875	H	0.19				L	0.08½
			M	0.16			1880	H	0.15
			L	0.12				mh	0.13½
		1876	H	0.18				M	0.11
			M	0.16				L	0.09
			L	0.12			1851	M	0.12
		1877	H	0.18	West Virginia, . lb.		1852	M	0.12
			M	0.15			1853	M	0.12
			L	0.10			1854	M	0.12
		1878	H	0.16			1855	M	0.12
			M	0.13			1856	M	0.12
			L	0.10			1857	M	0.12
		1879	H	0.15			1858	M	0.12
			M	0.12½			1859	M	0.12
			L	0.10			1860	M	0.12
		1880	H	0.20			1861	M	0.14
			mh	0.17			1862	M	0.16
			M	0.14			1863	M	0.16
			ml	0.11			1864	M	0.16
			L	0.08			1865	M	0.18
		1881	H	0.18			1866	M	0.18
			M	0.15			1867	M	0.20
			L	0.12			1868	M	0.20
		1882	H	0.24			1869	M	0.20
			mh	0.21			1870	M	0.18
			M	0.18			1871	M	0.12
			ml	0.15			1872	M	0.12
			L	0.12			1873	M	0.12
		1884	H	0.25			1874	M	0.14
			mh	0.20			1875	M	0.16
			M	0.17			1876	M	0.18
			ml	0.14			1877	M	0.16
			L	0.11			1878	M	0.15
		1885	H	0.18			1879	M	0.16
			M	0.15			1880	M	0.15
			ml	0.13	Wisconsin, . . lb.		1880	H	0.14
			L	0.11				M	0.12
		1886	M	0.13				ml	0.10
		1888	M	0.16				L	0.08
Rhode Island, . . lb.		1888	M	0.14			1881	H	0.15
Tennessee, . . lb.		1851	M	0.08				L	0.12½
		1855	M	0.15			1882	H	0.16
		1856	M	0.15				M	0.14
		1857	M	0.15				L	0.11
		1863	M	0.15			1883	H	0.15
		1864	M	0.25				L	0.12
		1865	M	0.25			1884	H	0.16
		1866	M	0.25				M	0.14
		1867	M	0.15				L	0.11
		1868	M	0.15			1888	M	0.13
		1869	M	0.20					
		1870	M	0.20	<i>Foreign Countries.</i>				
		1871	H	0.16½	Australia, . . lb.		1881	H	0.28
			M	0.14				L	0.20
			L	0.11			1889	H	0.22
		1872	M	0.13				M	0.20
		1873	H	0.14½				L	0.18
			L	0.12½	Austria, . . lb.		1884	H	0.38
		1874	H	0.14				L	0.30
			L	0.10½			1885	H	0.38
		1875	H	0.17				L	0.30

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Pork (HAMS)</b> — Con.					<b>Pork (HAMS)</b> — Con.				
<i>Foreign Countries</i> — Con.					<i>Foreign Countries</i> — Con.				
Belgium, . . . lb.	1878	H	\$0.25		Italy, . . . lb.	1879	M	\$0.25	
	1879	L	0.20			1882	M	0.44	
	1884	M	0.25			1884	M	0.25	
		H	0.30			1889	H	0.48	
		L	0.25				L	0.36	
	1885	M	0.30				M	0.25	
Brazil, . . . lb.	1882	H	0.55		Japan, . . . lb.	1881	M	1.00	
		L	0.50		Mexico, . . . lb.	1882	H	0.62½	
Canada, . . . lb.	1882	H	0.20				M	0.50	
		L	0.14				ml	0.40	
	1887	M	0.15			1883	M	0.50	
Ecuador, . . . lb.	1885	H	0.16			1889	M	0.20	
		L	0.12			1882	M	0.24	
England, . . . lb.	1873	M	0.24			1884	H	0.30	
	1878	H	0.26				L	0.25	
		mh	0.23			1885	H	0.30	
		M	0.16				L	0.25	
		ml	0.14				H	0.35	
		L	0.10		Saxony, . . . lb.	1878	H	0.32	
	1879	H	0.23				L	0.28	
		L	0.13		Scotland, . . . lb.	1878	H	0.24	
	1882	H	0.28				L	0.25	
		M	0.16			1879	H	0.20	
		L	0.12				L	0.24	
	1883	H	0.28			1883	M	0.24	
		M	0.20			1884	M	0.25	
		ml	0.16		Sicily, . . . lb.	1889	H	0.60	
		L	0.12				L	0.48	
	1884	H	0.24		Spain, . . . lb.	1878	H	0.45	
		L	0.13½				L	0.40	
	1885	H	0.24			1879	M	0.45	
		L	0.17			1884	M	0.45	
France, . . . lb.	1878	M	0.25			1889	M	0.60	
	1879	M	0.25			1878	M	0.28	
	1882	H	0.50		Switzerland, . . . lb.	1879	M	0.28	
		M	0.40			1892	M	0.25	
		L	0.35			1884	H	0.30	
	1884	H	0.60				L	0.28	
		M	0.40			1885	M	0.30	
		L	0.25		Venezuela, . . . lb.	1881	M	0.24	
	1885	H	0.60		West Indies, . . . lb.	1881	H	0.65	
		L	0.40				M	0.20	
	1889	H	0.35				L	0.15	
		L	0.28						
	1891	H	0.30½		<b>Pork (SAUSAGES).</b>				
		L	0.18		<i>United States.</i>				
Germany, . . . lb.	1878	H	0.32		California, . . . lb.	1884	H	0.20	
		M	0.22				L	0.15	
		L	0.20			1886	M	0.14	
	1879	H	0.22			1888	M	0.10½	
		L	0.20				H	0.18½	
	1884	H	0.30		Colorado, . . . lb.	1888	H	0.18½	
		M	0.25				mh	0.16½	
		L	0.20				M	0.14½	
	1885	H	0.30				ml	0.12½	
		L	0.25				L	0.10½	
	1889	H	0.38		Connecticut, . . . lb.	1851	M	0.10	
		mh	0.34			1852	M	0.10	
		M	0.28			1853	M	0.10	
		L	0.25½			1854	H	0.12	
Holland, . . . lb.	1884	H	0.26				L	0.10	
		L	0.16			1855	M	0.12½	
	1885	H	0.26			1856	M	0.12½	
		L	0.16			1857	H	0.12½	
Italy, . . . lb.	1878	H	0.36				L	0.09	
		M	0.30			1858	M	0.12½	
		L	0.25			1859	M	0.12½	
						1860	M	0.12½	



GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices			
MEATS AND GAME — Con.											MEATS AND GAME — Con.							
Pork (SAUSAGES) — Con.											Pork (SAUSAGES) — Con.							
United States-Con.											United States-Con.							
Connecticut, . . .	lb.	1861	H	\$0.14				Illinois, . . . .	lb.	1870	M	\$0.12½						
		1862	H	0.12½						1871	M	0.12½						
			M	0.12						1872	M	0.12½						
			L	0.10						1873	M	0.10						
		1863	H	0.20						1874	M	0.13						
			M	0.14						1875	M	0.15						
			L	0.12½						1876	H	0.12						
		1864	H	0.20							L	0.10						
			M	0.15						1877	H	0.10						
			L	0.14							L	0.09						
		1865	H	0.25						1878	H	0.10						
			M	0.15							L	0.06						
			L	0.12						1879	H	0.10						
		1866	H	0.22							L	0.06						
			L	0.16						1880	M	0.10						
		1867	H	0.20						1884	H	0.10						
			M	0.18							L	0.06						
			L	0.16						1885	H	0.14						
		1868	H	0.20							L	0.10						
			L	0.18						1888	M	0.10						
		1869	H	0.25				Indiana, . . . .	lb.	1851	M	0.05						
			M	0.22						1852	M	0.05						
			ml	0.20						1853	M	0.06						
			L	0.18						1854	M	0.06						
		1870	H	0.25						1855	M	0.06						
			M	0.20						1856	M	0.06						
			L	0.14						1857	M	0.06						
		1871	H	0.25						1858	M	0.06						
			M	0.18						1859	M	0.07						
			ml	0.15						1860	M	0.07						
			L	0.12						1866	M	0.15						
		1872	H	0.13						1867	M	0.15						
			M	0.15						1868	H	0.15						
			L	0.12							L	0.11½						
		1873	H	0.18						1869	M	0.15						
			M	0.15						1870	M	0.15						
			L	0.12						1871	M	0.12½						
		1874	H	0.18						1872	M	0.12½						
			M	0.16						1873	M	0.10						
			L	0.12						1874	M	0.10						
		1875	H	0.18						1875	H	0.10						
			M	0.16							L	0.08						
			ml	0.14						1876	H	0.08						
			L	0.12							L	0.07						
		1876	H	0.18						1877	M	0.08						
			M	0.15						1878	M	0.08						
			L	0.12						1879	H	0.08						
		1877	H	0.16							L	0.07						
			M	0.14						1880	M	0.08						
			L	0.12				Iowa, . . . .	lb.	1888	M	0.10						
		1878	M	0.12½						1865	M	0.15						
		1879	H	0.12½						1866	M	0.15						
			L	0.10						1867	M	0.18						
		1880	H	0.12½						1868	M	0.15						
			L	0.10						1869	M	0.15						
		1887	M	0.14						1870	M	0.12						
		1888	M	0.11½						1871	M	0.15						
		1860	M	0.10						1872	M	0.15						
		1861	M	0.08						1873	M	0.12½						
		1862	M	0.08						1874	M	0.12½						
		1863	M	0.08						1875	M	0.12½						
		1864	M	0.17						1876	M	0.12½						
		1865	M	0.20						1877	M	0.12½						
		1866	M	0.13						1878	M	0.12½						
		1867	M	0.15						1879	M	0.15						
		1868	M	0.17						1880	M	0.15						
		1869	M	0.17						1887	H	0.12½						
											L	0.09						
Illinois, . . . .	lb.																	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Pork (SAUSAGES) — Con.					Pork (SAUSAGES) — Con.				
United States—Con.					United States—Con.				
Iowa, . . . lb.	1888	M		\$0.09	Massachusetts, . lb.	1873	H		\$0.16
Kansas, . . lb.	1888	M		0.11			M		0.14
Maine, . . . lb.	1858	H		0.12			ml		0.12
		L		0.09			L		0.10
	1868	H		0.18		1874	H		0.16
		L		0.16 $\frac{1}{2}$			M		0.12
	1878	H		0.12 $\frac{1}{2}$			L		0.09 $\frac{1}{2}$
		L		0.10 $\frac{1}{2}$		1875	H		0.18
	1887	M		0.12			M		0.16
	1888	M		0.12			ml		0.12 $\frac{1}{2}$
	1889	H		0.14			L		0.10 $\frac{1}{2}$
		M		0.12		1876	H		0.18
		L		0.10			M		0.14
Maryland, . lb.	1885	H		0.15			L		0.12 $\frac{1}{2}$
		L		0.10		1877	H		0.16
Massachusetts, . lb.	1830	M		0.10			M		0.14
	1831	M		0.10			ml		0.12
	1837	M		0.12			L		0.10
	1838	M		0.12		1878	H		0.12
	1839	M		0.12			L		0.10
	1841	M		0.09		1879	H		0.10
	1842	M		0.08			L		0.08
	1843	M		0.08		1880	H		0.15
	1845	M		0.08			M		0.12
	1846	M		0.07			ml		0.10
	1847	M		0.09			L		0.08
	1848	M		0.09		1885	H		0.15
	1851	M		0.10			mh		0.13
	1856	M		0.14			M		0.11
	1858	M		0.10			L		0.08
	1859	M		0.12		1888	M		0.12
	1860	H		0.12 $\frac{1}{2}$		1891	H		0.17
		L		0.10			mh		0.15
	1861	H		0.12 $\frac{1}{2}$			N		0.13
		L		0.10			ml		0.11
	1862	H		0.12 $\frac{1}{2}$			L		0.09
		L		0.10	Michigan, . . lb.	1888	M		0.09
	1863	H		0.14	Minnesota, . . lb.	1888	M		0.12 $\frac{1}{2}$
		L		0.10		1890	H		0.10
	1864	H		0.14			L		0.08
		M		0.12 $\frac{1}{2}$	Missouri, . . lb.	1871	M		0.10
		L		0.11 $\frac{1}{2}$		1878	H		0.08
	1865	H		0.23			L		0.06
		L		0.19	Nebraska, . . lb.	1888	M		0.14
	1866	H		0.25	New Jersey, . . lb.	1851	H		0.12 $\frac{1}{2}$
		M		0.21 $\frac{3}{4}$			L		0.08
		L		0.18		1852	M		0.12 $\frac{1}{2}$
	1867	H		0.20		1853	M		0.12
		M		0.17		1854	M		0.12
		L		0.14		1855	M		0.15
	1868	H		0.25		1856	M		0.15
		M		0.17		1857	M		0.16
		L		0.14		1858	M		0.12
	1869	H		0.25		1859	M		0.12
		M		0.18		1860	M		0.13
		L		0.15 $\frac{1}{2}$		1861	M		0.12 $\frac{1}{2}$
	1870	H		0.25		1862	M		0.12
		M		0.20		1863	M		0.14
		ml		0.17 $\frac{3}{4}$		1864	M		0.25
		L		0.15 $\frac{3}{4}$		1865	M		0.25
	1871	H		0.22		1866	M		0.25
		N		0.16		1867	H		0.25
		ml		0.13 $\frac{1}{2}$			L		0.22
		L		0.11 $\frac{1}{2}$		1868	M		0.25
	1872	H		0.20		1869	H		0.25
		M		0.15			L		0.22
		ml		0.12		1870	M		0.25
		L		0.10		1871	H		0.20

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
<b>Pork (SAUSAGES)</b> — Con.					<b>Pork (SAUSAGES)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
New Jersey, . . . lb.		1871	L	\$0.16	New York, . . . lb.		1878	M	\$0.10
		1872	M	0.20				L	0.08
		1873	M	0.20			1879	H	0.10
		1874	M	0.20				L	0.08
		1875	M	0.18			1880	H	0.12
		1876	M	0.18				L	0.10
		1877	M	0.18			1884	H	0.16
		1878	M	0.12				L	0.10
		1879	M	0.13				M	0.08
		1880	M	0.13			1885	M	0.16
		1884	H	0.18	Ohio, . . . lb.		1851	H	0.10
			L	0.15				M	0.08
		1885	H	0.18				L	0.05
			L	0.15			1852	H	0.10
New York, . . . lb.		1851	H	0.12				M	0.08
			M	0.10				L	0.05
			L	0.08			1853	H	0.10
		1852	H	0.11				L	0.07
			L	0.08			1854	H	0.10
		1853	H	0.12				L	0.07
			L	0.10			1855	H	0.12½
		1854	H	0.12				M	0.10
			L	0.10				L	0.08
		1855	H	0.12½			1856	H	0.12
			L	0.10				L	0.08
		1856	H	0.12½			1857	H	0.12
			L	0.10				L	0.07
		1857	H	0.14			1858	H	0.12
			L	0.12½				L	0.08
		1858	H	0.14			1859	H	0.12½
			L	0.12½				L	0.08
		1859	H	0.14			1860	H	0.12
			L	0.12				M	0.08½
		1860	H	0.14				L	0.07
			M	0.12			1861	H	0.15
			L	0.10				mh	0.12
		1861	H	0.12				M	0.10
			L	0.10				L	0.07
		1862	M	0.12			1862	H	0.12
		1863	M	0.12				L	0.07
		1864	M	0.16			1863	H	0.22
		1865	H	0.18				M	0.15
			L	0.16				ml	0.12
		1866	M	0.16				L	0.07
		1867	H	0.22			1864	H	0.25
			M	0.16				mh	0.22
			L	0.14				M	0.18
		1868	H	0.16				ml	0.15
			L	0.14				L	0.08
		1869	H	0.23			1865	H	0.23
			M	0.16				mh	0.20
			L	0.12				M	0.15
		1870	H	0.16				L	0.08
			L	0.12			1866	H	0.20
		1871	H	0.20				M	0.15
			L	0.14				L	0.08
		1872	H	0.16			1867	H	0.20
			L	0.14				M	0.18
		1873	H	0.15				L	0.08
			L	0.12			1868	H	0.20
		1874	H	0.16½				M	0.18
			L	0.12				L	0.08
		1875	M	0.12			1869	H	0.20
		1876	H	0.16				mh	0.18
			L	0.10				M	0.15
		1877	H	0.14				ml	0.10
			L	0.12				L	0.08
		1878	H	0.12			1870	H	0.18

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Pork (SAUSAGES)</b> — Con.					<b>Pork (SAUSAGES)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
<b>Ohio, . . . lb.</b>		1870	M	\$0.10	<b>Pennsylvania, . . lb.</b>		1860	L	\$0.06
			L	0.08			1861	H	0.14
		1871	H	0.20				L	0.10
			mh	0.18			1862	H	0.14
			M	0.16				L	0.10
			ml	0.10			1863	H	0.14
			L	0.08				L	0.12
		1872	H	0.20			1864	H	0.20
			M	0.16				M	0.15
			ml	0.12 $\frac{1}{2}$				L	0.12 $\frac{1}{2}$
			L	0.08			1865	H	0.30
		1873	H	0.20				M	0.20
			mh	0.18				L	0.15
			M	0.15			1866	H	0.22
			ml	0.12 $\frac{1}{2}$				L	0.15
			L	0.08			1867	H	0.22
		1874	H	0.20				M	0.20
			M	0.14				L	0.12 $\frac{1}{2}$
			ml	0.12			1868	H	0.20
			L	0.08				L	0.12 $\frac{1}{2}$
		1875	H	0.20			1869	H	0.24
			M	0.15				mh	0.20
			ml	0.12 $\frac{1}{2}$				M	0.18
			L	0.08				L	0.12 $\frac{1}{2}$
		1876	H	0.15			1870	H	0.23
			M	0.12				M	0.17
			ml	0.10				L	0.12 $\frac{1}{2}$
			L	0.08			1871	H	0.18
		1877	H	0.15				M	0.16
			M	0.12				ml	0.14
			ml	0.10				L	0.12 $\frac{1}{2}$
			L	0.08			1872	H	0.16
		1878	H	0.15				M	0.14
			M	0.12 $\frac{1}{2}$				L	0.12 $\frac{1}{2}$
			ml	0.10			1873	H	0.16
			L	0.08				M	0.14
		1879	H	0.15				ml	0.12 $\frac{1}{2}$
			M	0.12				L	0.09
			ml	0.10			1874	H	0.17
			L	0.06				M	0.15
		1880	H	0.12				ml	0.12 $\frac{1}{2}$
			M	0.10				L	0.10
			L	0.07			1875	H	0.20
		1887	H	0.16				mh	0.18
			mh	0.14				M	0.15
			M	0.12				ml	0.12 $\frac{1}{2}$
			ml	0.10				L	0.10
			L	0.08			1876	H	0.18
		1888	M	0.10				M	0.15
<b>Pennsylvania, . . lb.</b>		1851	H	0.10				ml	0.12 $\frac{1}{2}$
			L	0.06				L	0.10
		1852	H	0.10			1877	H	0.18
			L	0.06				M	0.14
		1853	H	0.12				ml	0.12 $\frac{1}{2}$
			L	0.06				L	0.10
		1854	H	0.13			1878	H	0.16
			L	0.06				M	0.12 $\frac{1}{2}$
		1855	H	0.14				L	0.10
			L	0.06			1879	H	0.16
		1856	H	0.14				M	0.12
			L	0.06				L	0.10
		1857	H	0.14			1880	H	0.16
			L	0.06				M	0.12
		1858	H	0.14				L	0.10
			L	0.06			1884	H	0.20
		1859	H	0.15				mh	0.16
			L	0.06				M	0.14
		1860	H	0.14				ml	0.11

## GRADED PRICES—Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME —Con.					MEATS AND GAME —Con.				
<b>Pork (SAUSAGES)</b> —Con.					<b>Pork (SAUSAGES)</b> —Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Pennsylvania, . . . lb.		1884	L	\$0.08	Wisconsin, . . . lb.		1883	L	\$0.08
		1885	H	0.18			1884	H	0.15
			mh	0.16				mh	0.12½
			M	0.13				M	0.19
			ml	0.10				L	0.07
			L	0.08					
		1888	M	0.12	<i>Foreign Countries.</i>				
Rhode Island, . . . lb.		1888	M	0.11	Belgium, . . . lb.		1878	H	0.20
Tennessee, . . . lb.		1885	M	0.08				L	0.18
		1886	M	0.08			1879	M	0.20
		1863	M	0.15			1884	M	0.20
		1864	M	0.20			1873	M	0.18
		1865	M	0.20	England, . . . lb.		1878	H	0.20
		1866	M	0.20				M	0.18
		1867	M	0.15				L	0.14
		1868	M	0.10			1879	M	0.18
		1869	M	0.20			1882	M	0.20
		1871	M	0.08			1883	M	0.14
		1872	M	0.10			1884	H	0.20
		1873	M	0.10				M	0.18
		1874	M	0.10				L	0.16
		1875	M	0.10			1885	H	0.20
		1876	M	0.10				L	0.16
		1877	M	0.10	France, . . . lb.		1878	M	0.16
		1878	M	0.08			1879	M	0.16
		1879	M	0.08			1884	M	0.16
		1880	M	0.08	Germany, . . . lb.		1878	H	0.27
West Virginia, . . lb.		1851	M	0.10				M	0.21
		1852	M	0.10				L	0.18
		1853	M	0.10			1879	H	0.21
		1854	M	0.10				L	0.19
		1855	M	0.10			1884	M	0.21
		1856	M	0.10			1885	H	0.23
		1857	M	0.07				M	0.20
		1858	M	0.10				L	0.18
		1859	M	0.10			1886	M	0.19
		1860	M	0.10	Holland, . . . lb.		1882	H	0.21½
		1861	M	0.12				L	0.14½
		1862	M	0.14	Italy, . . . lb.		1878	M	0.20
		1863	M	0.14			1879	M	0.20
		1864	M	0.14			1884	M	0.20
		1865	M	0.15			1889	M	0.36
		1866	M	0.15					
		1867	M	0.16	<b>Tripe.</b>				
		1868	M	0.16	<i>United States.</i>				
		1869	M	0.16	Massachusetts, . lb.		1837	M	0.09
		1870	M	0.15			1838	M	0.10
		1871	M	0.10			1841	M	0.09
		1872	M	0.10			1842	M	0.08
		1873	M	0.12			1843	M	0.08
		1874	M	0.12			1844	M	0.08
		1875	M	0.12			1845	M	0.08
		1876	M	0.10			1846	M	0.08
		1877	M	0.12			1847	M	0.09
		1878	M	0.12			1848	M	0.09
		1879	M	0.12			1850	M	0.07
		1880	M	0.12			1880	H	0.12
Wisconsin, . . . lb.		1880	H	0.12½				mh	0.10
			M	0.10				M	0.08
			L	0.08				L	0.05
		1881	H	0.14			1885	H	0.12
			M	0.12				mh	0.10
			L	0.09				M	0.08
		1882	H	0.14				L	0.05
			L	0.10			1891	H	0.15
		1883	H	0.16				mh	0.12
			M	0.14				M	0.10
			ml	0.10				ml	0.08



GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Tripe — Con.					Veal — Con.				
United States—Con.					United States—Con.				
Massachusetts, . lb.	1891	L	\$0.05		Massachusetts, . lb.	1843	L	\$0.04	
Wisconsin, . lb.	1880	H	0.12			1844	H	0.09	
		L	0.10				L	0.07	
	1881	M	0.12½			1845	M	0.08	
	1882	M	0.11			1846	H	0.10	
	1883	M	0.11				L	0.07	
	1884	M	0.12½			1847	M	0.09	
						1848	H	0.10	
							L	0.07	
Foreign Countries.							L	0.10	
England, . . . lb.	1882	H	0.16			1849	H	0.10	
		L	0.12				L	0.08	
	1883	H	0.16			1850	H	0.10	
		L	0.12				L	0.07	
						1851	M	0.08	
Veal.						1852	M	0.07	
United States.						1853	M	0.08	
California, . . lb.	1886	M	0.14			1854	H	0.10	
Connecticut, . lb.	1860	H	0.12				L	0.07	
		L	0.09			1855	H	0.12	
	1887	M	0.18				M	0.10	
Illinois, . . . lb.	1878	H	0.15				L	0.08	
		M	0.12			1856	M	0.10	
		L	0.06			1857	M	0.10	
	1879	H	0.12			1858	M	0.10	
		L	0.06			1859	H	0.12	
	1884	H	0.18				L	0.08	
		L	0.10			1860	H	0.13	
	1885	H	0.18				L	0.08	
		M	0.15			1878	M	0.16	
		L	0.10			1880	H	0.22	
Iowa, . . . lb.	1885	H	0.15				mh	0.19	
		mh	0.13				M	0.16	
		M	0.11				ml	0.13	
		ml	0.09				L	0.10	
		L	0.07			1885	H	0.22	
Maine, . . . lb.	1858	M	0.10				mh	0.19	
	1868	H	0.25				M	0.16	
		L	0.16				ml	0.13	
	1878	H	0.15				L	0.10	
		L	0.12½			1891	H	0.30	
	1888	H	0.14				mh	0.25	
		L	0.12				M	0.17	
Maryland, . . lb.	1885	H	0.15				ml	0.10	
		L	0.12½				L	0.04	
Massachusetts, . lb.	1830	H	0.11		Minnesota, . . lb.	1890	H	0.15	
		L	0.06				mh	0.12½	
	1831	M	0.05				M	0.10	
	1832	H	0.07				ml	0.08	
		L	0.05				L	0.04	
	1833	H	0.08		New Jersey, . . lb.	1884	H	0.20	
		L	0.06				L	0.08	
	1834	H	0.08			1885	H	0.20	
		L	0.05				L	0.08	
	1835	H	0.08		New York, . . lb.	1878	H	0.21	
		L	0.06				M	0.15	
	1836	H	0.09				ml	0.12	
		L	0.05				L	0.08	
	1837	H	0.13			1879	H	0.12	
		L	0.10				L	0.08	
	1838	H	0.10			1884	H	0.25	
		L	0.08				L	0.17	
	1839	H	0.14			1885	H	0.25	
		M	0.12				L	0.17	
		L	0.09		Ohio, . . . lb.	1878	M	0.16	
	1840	H	0.10			1885	H	0.13	
		L	0.07				L	0.10	
	1841	M	0.08			1887	H	0.16	
	1842	M	0.09				mh	0.14	
	1843	H	0.07				M	0.12	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
<i>Veal—Con.</i>					<i>Veal—Con.</i>				
<i>United States—Con.</i>					<i>Foreign Countries</i>				
Ohio, . . . lb.	1887	ml	\$0.10		England, . . . lb.	1882	M	\$0.16	
		L	0.08				L	0.13	
Pennsylvania, . . lb.	1875	M	0.10			1883	H	0.25	
	1884	H	0.20				L	0.13	
		L	0.10			1884	H	0.20	
	1885	H	0.20				L	0.16	
		mh	0.16			1885	H	0.29	
		M	0.13				M	0.20	
		ml	0.10				L	0.16	
		L	0.07				M	0.13	
United States (not specified), . . lb.	1881	M	0.12		France, . . . lb.	1867	M	0.13	
Wisconsin, . . lb.	1880	H	0.13			1868	M	0.13½	
		M	0.10			1869	M	0.14½	
		L	0.08			1870	M	0.13	
	1881	H	0.14			1871	M	0.14½	
		M	0.12			1872	M	0.15½	
		ml	0.10			1873	H	0.25	
		L	0.08				M	0.22	
	1882	H	0.15				L	0.16½	
		M	0.12			1874	H	0.21	
		ml	0.10				L	0.15	
		L	0.08			1875	H	0.21½	
	1883	H	0.16				L	0.14½	
		mh	0.14			1876	H	0.22½	
		M	0.12				L	0.15½	
		ml	0.10			1877	H	0.21	
		L	0.08				L	0.16	
	1884	H	0.13			1878	H	0.23	
		mh	0.15				mh	0.24	
		M	0.12½				M	0.20	
		ml	0.10				ml	0.17	
		L	0.08				L	0.15	
<i>Foreign Countries.</i>						1879	M	0.16½	
Australia, . . lb.	1881	H	0.16			1880	H	0.24	
		L	0.12				L	0.15	
	1885	H	0.16			1881	H	0.18	
		L	0.10				L	0.15½	
Austria, . . . lb.	1878	H	0.22			1882	H	0.30	
		L	0.13				mh	0.27	
	1884	H	0.18				M	0.24	
		L	0.09				ml	0.20	
	1885	H	0.18				L	0.16	
		L	0.09			1883	M	0.16½	
Bavaria, . . . lb.	1878	M	0.18			1884	H	0.35	
	1883	H	0.16				M	0.25	
		L	0.13				ml	0.22	
	1878	H	0.20				L	0.16½	
		L	0.16			1885	H	0.35	
	1882	H	0.20				M	0.25	
		L	0.16				L	0.16	
	1884	H	0.20				M	0.15½	
		L	0.18			1886	M	0.15½	
	1885	M	0.18			1888	M	0.10½	
	1882	H	0.10			1891	H	0.34	
		L	0.06				L	0.25	
	1887	H	0.10		Germany, . . . lb.	1850	H	0.08	
		L	0.04				L	0.06	
Canada, . . . lb.	1878	M	0.17			1865	M	0.10½	
	1873	M	0.18			1866	M	0.10	
	1878	H	0.32			1867	M	0.10½	
		mh	0.25			1868	M	0.09½	
		M	0.22			1869	M	0.09½	
		ml	0.18			1870	H	0.17	
		L	0.14				L	0.10½	
	1881	M	0.20			1871	M	0.10½	
	1882	H	0.25			1872	M	0.12	
						1873	H	0.14	
							L	0.10	
						1874	M	0.13	
						1875	H	0.18	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
<b>Veal — Con.</b>					<b>Veal — Con.</b>				
<i>Foreign Countries</i> — Con.					<i>Foreign Countries</i> — Con.				
Germany, . . . lb.	1875	M	\$0.14		Prussia, . . . lb.	1870	M	\$0.10 $\frac{1}{2}$	
		L	0.12			1871	M	0.10 $\frac{1}{2}$	
	1876	H	0.16			1872	M	0.12	
		M	0.14			1873	M	0.14	
		L	0.12			1874	M	0.13	
	1877	H	0.17			1875	M	0.12	
		M	0.15			1876	H	0.16	
		L	0.12				L	0.12	
	1878	H	0.21			1877	H	0.17	
		mh	0.19				L	0.12	
		M	0.17			1878	H	0.20	
		ml	0.14				M	0.18	
		L	0.11 $\frac{1}{2}$				L	0.15	
	1879	H	0.14			1880	M	0.11 $\frac{1}{2}$	
		L	0.11			1881	M	0.11 $\frac{1}{2}$	
	1880	M	0.11			1882	H	0.18	
	1881	H	0.23				M	0.14	
		M	0.14				L	0.11 $\frac{1}{2}$	
		L	0.11			1884	H	0.25	
	1882	M	0.14 $\frac{1}{2}$				L	0.22	
	1883	M	0.14 $\frac{1}{2}$			1885	H	0.25	
	1884	H	0.25				M	0.22	
		M	0.22				L	0.15	
		L	0.14		Russia, . . . lb.	1878	M	0.08	
	1885	H	0.25		Scotland, . . . lb.	1878	H	0.30	
		mh	0.22				M	0.24	
		M	0.18				L	0.20	
		L	0.11			1884	M	0.30	
	1886	M	0.17		Sicily, . . . lb.	1878	H	0.30	
	1887	H	0.13				L	0.13	
		L	0.11		Spain, . . . lb.	1878	H	0.25	
	1888	M	0.12				M	0.22 $\frac{1}{2}$	
	1889	M	0.16				L	0.15	
Guiana, . . . lb.	1889	H	0.25			1884	M	0.25	
		L	0.23		Sweden, . . . lb.	1878	M	0.11	
Hawaiian Islands, . lb.	1881	M	0.15		Switzerland, . . lb.	1878	M	0.20	
Hesse, . . . lb.	1887	M	0.12 $\frac{1}{2}$			1884	H	0.20	
	1888	M	0.13 $\frac{1}{2}$				M	0.18	
Holland, . . . lb.	1884	H	0.22				L	0.16	
		L	0.14			1885	H	0.18	
	1885	H	0.22				L	0.16	
		L	0.14		United States of				
Ireland, . . . lb.	1878	H	0.22		Colombia, . . . lb.	1883	M	0.15	
		M	0.20 $\frac{1}{2}$		Wales, . . . lb.	1878	M	0.18	
		L	0.18		West Indies, . . lb.	1881	M	0.22	
Italy, . . . lb.	1878	H	0.34						
		M	0.25		<b>Veal (CUTLET).</b>				
		ml	0.23		<i>United States.</i>				
		L	0.20		California, . . . lb.	1884	M	0.15	
	1882	H	0.30		Connecticut, . . lb.	1851	M	0.10	
		L	0.16			1852	M	0.10	
	1884	H	0.22 $\frac{1}{2}$			1853	M	0.10	
		L	0.15			1854	H	0.16	
	1889	H	0.45				L	0.12 $\frac{1}{2}$	
		M	0.30			1855	H	0.16	
		ml	0.20				L	0.12 $\frac{1}{2}$	
		L	0.15			1856	M	0.12	
Japan, . . . lb.	1887	M	0.12			1857	H	0.16	
Mexico, . . . lb.	1882	M	0.25				L	0.12 $\frac{1}{2}$	
	1883	M	0.12 $\frac{1}{2}$			1858	H	0.16	
New Zealand, . . lb.	1889	M	0.08				L	0.12	
Portugal, . . . lb.	1878	M	0.19			1859	H	0.16	
	1882	M	0.14				L	0.12 $\frac{1}{2}$	
Prussia, . . . lb.	1865	M	0.10 $\frac{1}{2}$			1860	H	0.18	
		M	0.10				M	0.16	
	1867	M	0.10 $\frac{1}{2}$				L	0.12 $\frac{1}{2}$	
	1868	M	0.09 $\frac{1}{2}$						
	1869	M	0.09 $\frac{1}{2}$						

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
<b>Veal</b> (CUTLET) — Con.					<b>Veal</b> (CUTLET) — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Connecticut, . . . lb.		1861	H	0.18	Illinois, . . . lb.		1865	M	\$0.15
			L	0.10			1866	M	0.13
		1862	H	0.18			1867	M	0.15
			M	0.16			1868	M	0.15
			L	0.10			1869	M	0.15
		1863	H	0.18			1870	M	0.15
			L	0.12			1871	M	0.15
		1864	H	0.20			1872	M	0.15
			L	0.18			1873	M	0.15
		1865	H	0.25			1874	M	0.15
			L	0.20			1875	M	0.13
		1866	H	0.25			1876	M	0.13
			M	0.22			1877	M	0.12½
			L	0.20			1878	H	0.15
		1867	H	0.25				L	0.12½
			L	0.22			1879	H	0.15
		1868	H	0.30				L	0.12½
			M	0.25			1880	M	0.15
			L	0.23			1884	H	0.15
		1869	H	0.30				L	0.12½
			L	0.25	Indiana, . . . lb.		1851	M	0.10
		1870	H	0.30			1852	M	0.10
			M	0.25			1853	M	0.10
			ml	0.22			1854	M	0.10
			L	0.18			1855	M	0.10
		1871	H	0.25			1856	M	0.10
			M	0.22			1857	M	0.10
			L	0.18			1858	M	0.10
		1872	H	0.25			1859	M	0.12
			M	0.22			1860	M	0.12
			ml	0.20			1861	M	0.20
			L	0.18			1862	M	0.20
		1873	H	0.25			1863	M	0.20
			M	0.22			1864	M	0.25
			ml	0.20			1865	M	0.25
			L	0.18			1866	H	0.17½
		1874	H	0.28				L	0.15
			mh	0.25			1867	H	0.25
			M	0.20				L	0.17½
			ml	0.17			1868	H	0.25
			L	0.14				L	0.17½
		1875	H	0.25			1869	H	0.25
			mh	0.22				L	0.17½
			M	0.20			1870	H	0.25
			ml	0.18				L	0.17½
			L	0.16			1871	H	0.20
		1876	H	0.25				L	0.15
			M	0.22			1872	M	0.20
			ml	0.20			1873	H	0.20
			L	0.18				L	0.15
		1877	H	0.23			1874	H	0.20
			M	0.20				L	0.15
			ml	0.18			1875	H	0.20
			L	0.16				L	0.15
		1878	H	0.20			1876	H	0.20
			L	0.18				L	0.15
		1879	H	0.20			1877	H	0.20
			M	0.18				L	0.15
			L	0.15			1878	H	0.20
		1880	H	0.20				L	0.15
			M	0.18			1879	H	0.20
			L	0.16				L	0.15
		1887	M	0.28			1880	H	0.20
Illinois, . . . lb.		1860	M'	0.10	Iowa, . . . lb.		1865	M	0.15
		1861	M	0.10			1866	M	0.15
		1862	M	0.10			1867	M	0.15
		1863	M	0.10			1868	M	0.15
		1864	M	0.10					

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
<b>Veal (CUTLET)</b> — Con.					<b>Veal (CUTLET)</b> — Con.				
<i>United States-Con.</i>					<i>United States-Con.</i>				
Iowa, . . . . lb.	1869	M		\$0.18	Massachusetts, . lb.	1891	H		\$0.33
	1870	M		0.16		mh			0.23
	1871	M		0.15		M			0.23
	1872	M		0.15		ml			0.13
	1873	M		0.15		L			0.14
	1874	M		0.15		M			0.06
	1875	M		0.14		1859	M		0.06
	1876	M		0.15		1860	M		0.06
	1877	M		0.14		1861	M		0.06
	1878	M		0.12½		1862	M		0.06
	1879	M		0.12½		1863	M		0.07
	1880	M		0.14		1864	M		0.08
Kansas, . . . lb.	1871	M		0.11		1865	M		0.08
	1872	M		0.11		1866	M		0.08
	1873	M		0.11		1867	M		0.08
	1874	M		0.11		1868	M		0.08
	1875	M		0.11		1869	M		0.07
	1876	M		0.11		1870	M		0.07
	1877	M		0.11		1871	M		0.08
	1878	M		0.11		1872	M		0.08
	1879	M		0.11		1873	M		0.08
	1880	M		0.11		1874	M		0.08
Massachusetts, . lb.	1858	M		0.17		1875	M		0.08
	1859	M		0.18		1876	M		0.08
	1860	H		0.18		1877	M		0.07
	L			0.12½		1878	H		0.25
	1861	M		0.16		L			0.06
	1862	M		0.16		1879	M		0.06
	1863	M		0.16		1880	M		0.06
	1864	M		0.20		1851	H		0.12½
	1865	M		0.25		L			0.10
	1866	M		0.25		1852	H		0.14
	1867	H		0.30		L			0.10
	L			0.25		1853	H		0.15
	1868	H		0.30		L			0.12
	L			0.25		1854	H		0.16
	1869	H		0.32		L			0.12
	L			0.25		1855	H		0.16
	1870	H		0.30		L			0.12
	L			0.25		1856	H		0.17
	1871	H		0.30		L			0.14
	L			0.20		1857	H		0.16
	1872	H		0.30		L			0.14
	L			0.20		1858	M		0.15
	1873	H		0.30		1859	H		0.18
	L			0.20		L			0.14
	1874	H		0.28		1860	H		0.18
	L			0.20		L			0.14
	1875	H		0.30		1861	H		0.17
	L			0.20		L			0.14
	1876	H		0.30		1862	H		0.16
	L			0.20		L			0.14
	1877	H		0.25		1863	H		0.18
	L			0.20		L			0.14
	1878	H		0.25		1864	M		0.25
	L			0.20		1865	H		0.28
	1879	H		0.22		L			0.25
	L			0.20		1866	H		0.33
	1880	H		0.30		M			0.25
	mh			0.28		L			0.14
	M			0.25		1867	H		0.33
	ml			0.22		L			0.25
	L			0.18		1868	H		0.33
	1885	H		0.30		L			0.28
	mh			0.28		1869	H		0.33
	M			0.25		M			0.27
	ml			0.22		L			0.25
	L			0.18		1870	H		0.33



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME —Con.					MEATS AND GAME —Con.				
<b>Veal (CUTLET)</b> —Con.					<b>Veal (CUTLET)</b> —Con.				
<i>United States-Con.</i>					<i>United States-Con.</i>				
New Jersey, . . . lb.		1870	L	\$0.25	New York, . . . lb.		1868	L	\$0.14
		1871	H	0.32			1869	H	0.25
			L	0.25				M	0.20
		1872	H	0.32				ml	0.16
			L	0.25				L	0.14
		1873	H	0.33			1870	H	0.25
			L	0.25				M	0.18
		1874	H	0.30				L	0.14
			L	0.23			1871	H	0.28
		1875	H	0.30				M	0.20
			M	0.23				L	0.18
			L	0.20			1872	H	0.25
		1876	H	0.30				M	0.20
			L	0.23				ml	0.18
		1877	H	0.30				L	0.16
			L	0.23			1873	H	0.25
		1878	H	0.28				L	0.16
			L	0.20			1874	H	0.22
		1879	H	0.28				M	0.20
			M	0.20				L	0.18
			L	0.09			1875	H	0.24
		1880	H	0.28				L	0.20
			M	0.20			1876	H	0.24
			L	0.18				L	0.18
New York, . . . lb.		1851	H	0.12			1877	H	0.25
			L	0.10				M	0.20
		1852	H	0.12				L	0.18
			L	0.10			1878	H	0.25
		1853	H	0.12½				M	0.20
			L	0.10				ml	0.16
		1854	H	0.14				L	0.14
			L	0.12			1879	H	0.25
		1855	H	0.14				M	0.20
			L	0.12				ml	0.16
		1856	H	0.15				L	0.14
			L	0.12			1880	H	0.20
		1857	H	0.15				M	0.16
			L	0.12				L	0.14
		1858	H	0.16			1884	H	0.16
			L	0.12				L	0.14
		1859	H	0.16	Ohio, . . . lb.		1851	H	0.10
			L	0.10				L	0.08
		1860	H	0.16			1852	H	0.10
			M	0.12½				L	0.08
			L	0.10			1853	H	0.10
		1861	H	0.13				L	0.07
			L	0.10			1854	M	0.10
		1862	H	0.16			1855	H	0.12
			M	0.13				M	0.10
			L	0.10				L	0.08
		1863	H	0.18			1856	H	0.12
			M	0.13				L	0.08
			L	0.10			1857	H	0.12
		1864	H	0.24				L	0.09
			M	0.16			1858	H	0.12
			L	0.14				L	0.08
		1865	H	0.28			1859	H	0.12
			M	0.16				L	0.10
			L	0.14			1860	H	0.12
		1866	H	0.25				L	0.10
			M	0.18			1861	H	0.15
			L	0.14				M	0.12
		1867	H	0.25				ml	0.10
			M	0.18				L	0.08
			ml	0.16			1862	H	0.12
			L	0.14				L	0.08
		1868	H	0.25			1863	H	0.22
			M	0.18				M	0.15

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Veal (CUTLET) — Con.					Veal (CUTLET) — Con.				
United States—Con.					United States—Con.				
Ohio, . . . . . lb.		1863	L	\$0.09	Pennsylvania, . . . lb.		1860	M	\$0.06
		1864	H	0.22			1861	M	0.15
			M	0.15			1862	M	0.15
			L	0.10			1863	M	0.16
		1865	H	0.22			1864	M	0.18
			M	0.15			1865	H	0.25
			ml	0.12				L	0.20
			L	0.10			1866	H	0.24
		1866	H	0.18				L	0.18
			M	0.15			1867	H	0.24
			L	0.12				L	0.19
		1867	H	0.20			1868	H	0.24
			M	0.18				L	0.18
			L	0.13			1869	H	0.25
		1868	H	0.20				M	0.21
			M	0.18				L	0.15
			L	0.13			1870	H	0.25
		1869	H	0.20				L	0.15
			M	0.18			1871	H	0.22
			ml	0.15				M	0.18
			L	0.13				L	0.15
		1870	H	0.20			1872	H	0.22
			mh	0.18				M	0.18
			M	0.15				L	0.15
			L	0.12			1873	H	0.22
		1871	H	0.20				M	0.18
			mh	0.18				L	0.15
			M	0.16			1874	H	0.23
			L	0.12				M	0.18
		1872	H	0.20				L	0.15
			M	0.18			1875	H	0.19
			L	0.12				L	0.15
		1873	H	0.20			1876	H	0.20
			mh	0.18				L	0.14
			M	0.16			1877	H	0.18
			L	0.12				L	0.14
		1874	H	0.20			1878	H	0.18
			M	0.16				M	0.15
			ml	0.14				L	0.12½
			L	0.12			1879	H	0.18
		1875	H	0.20				M	0.15
			M	0.16				L	0.12½
			ml	0.14			1880	H	0.18
			L	0.11				M	0.15
		1876	H	0.20				L	0.12½
			M	0.15			1884	H	0.25
			L	0.11				mh	0.22
		1877	H	0.15				M	0.18
			M	0.12½				ml	0.15
			L	0.10				L	0.12
		1878	H	0.15	West Virginia, . . lb.		1851	M	0.12
			M	0.12½			1852	M	0.12
			L	0.10			1853	M	0.12
		1879	H	0.15			1854	M	0.12
			M	0.12½			1855	M	0.12
			L	0.10			1856	M	0.12
		1880	H	0.15			1857	M	0.12
			M	0.12½			1858	M	0.12
			L	0.10			1859	M	0.12
Pennsylvania, . . lb.		1851	M	0.06			1860	M	0.10
		1852	M	0.06			1861	M	0.12
		1853	M	0.06			1862	M	0.12
		1854	M	0.06			1863	M	0.12
		1855	M	0.06			1864	M	0.12
		1856	M	0.06			1865	M	0.12
		1857	M	0.06			1866	M	0.12
		1858	M	0.06			1867	M	0.12
		1859	M	0.06			1868	M	0.12

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>MEATS AND GAME</b> — Con.					<b>MEATS AND GAME</b> — Con.				
*Veal (CUTLET) — Con.					<b>Veal (FORE-     QUARTER)</b> — Con.				
<i>United States</i> —Con.					<i>United States</i> —Con.				
West Virginia, . . . lb.	1869	M		\$0.12	Connecticut, . . . lb.	1862	M		\$0.10
	1870	M		0.12			L		0.05
	1871	M		0.10		1863	H		0.14
	1872	M		0.10			M		0.12
	1873	M		0.10			L		0.06
	1874	M		0.10		1864	H		0.14
	1875	M		0.10			L		0.12
	1876	M		0.10		1865	H		0.16
	1877	M		0.10			L		0.14
	1878	M		0.10		1866	M		0.16
	1879	M		0.10		1867	M		0.16
	1880	M		0.10		1868	H		0.18
<i>Foreign Countries.</i>							L		0.16
Belgium, . . . lb.	1878	M		0.20		1869	H		0.18
	1879	M		0.20			M		0.16
England, . . . lb.	1873	H		0.26			L		0.14
		L		0.24		1870	H		0.20
	1878	H		0.28			M		0.18
		L		0.24			L		0.14
	1879	M		0.27		1871	H		0.18
	1882	M		0.24			M		0.16
	1883	M		0.24			ml		0.14
	1884	M		0.27			L		0.12
France, . . . lb.	1878	M		0.22		1872	H		0.18
	1879	M		0.22			M		0.15
	1891	M		0.25			L		0.12
Germany, . . . lb.	1878	M		0.14		1873	H		0.18
	1879	M		0.14			M		0.15
Italy, . . . lb.	1878	M		0.22			L		0.12
	1879	M		0.22		1874	H		0.20
Saxony, . . . lb.	1878	M		0.18			mh		0.17
Scotland, . . . lb.	1878	M		0.30			M		0.14
	1879	M		0.30			ml		0.11
Spain, . . . lb.	1878	H		0.25			L		0.08
		L		0.22		1875	H		0.20
	1879	M		0.25			mh		0.17
Switzerland, . . . lb.	1878	M		0.20			M		0.15
	1879	M		0.20			ml		0.12
West Indies, . . . lb.	1881	M		1.00			L		0.10
						1876	H		0.18
							M		0.15
<b>Veal (FORE-     QUARTER).</b>							L		0.12
<i>United States.</i>						1877	H		0.18
California, . . . lb.	1884	H		0.12			M		0.14
		L		0.08			L		0.12
Connecticut, . . . lb.	1851	M		0.05		1878	H		0.16
	1852	M		0.06			M		0.12½
	1853	M		0.06			L		0.10
	1854	H		0.10		1879	H		0.14
		L		0.06			M		0.12
	1855	H		0.10			ml		0.10
		L		0.06			L		0.08
	1856	H		0.10		1880	H		0.14
		L		0.08			M		0.12
	1857	H		0.10			ml		0.10
		L		0.08			L		0.08
	1858	H		0.10	Illinois, . . . lb.	1860	M		0.08
		L		0.08		1861	M		0.07
	1859	H		0.10		1862	M		0.08
		L		0.08		1863	M		0.08
	1860	H		0.10		1864	M		0.08
		L		0.07		1865	M		0.12½
	1861	H		0.13		1866	M		0.12
		L		0.05		1867	M		0.12
	1862	H		0.13		1868	M		0.12
						1869	M		0.13
						1870	M		0.12½
						1871	M		0.12½

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Veal (FORE- QUARTER) — Con.					Veal (FORE- QUARTER) — Con.				
United States—Con.					United States—Con.				
Illinois, . . . . lb.		1872	M	\$0.12 $\frac{1}{2}$	Iowa, . . . . lb.		1873	M	\$0.00.
		1873	M	0.12 $\frac{1}{2}$			1874	M	0.00
		1874	M	0.12			1875	M	0.00
		1875	M	0.10			1876	M	0.00
		1876	M	0.10			1877	M	0.00
		1877	M	0.08			1878	M	0.00
		1878	H	0.10			1879	M	0.07
			M	0.08			1880	M	0.08
			L	0.06	Kansas, . . . . lb.		1872	M	0.07
		1879	H	0.10			1873	M	0.07
			M	0.08			1874	M	0.07
			L	0.06			1875	M	0.07
		1880	M	0.10			1876	M	0.07
		1884	H	0.10			1877	M	0.07
			L	0.06			1879	M	0.07
Indiana, . . . . lb.		1851	M	0.04	Massachusetts, . lb.		1851	H	0.08 $\frac{1}{2}$
		1852	M	0.04			L	0.05 $\frac{1}{2}$	
		1853	M	0.04			1852	H	0.08 $\frac{1}{2}$
		1854	M	0.04			L	0.05 $\frac{1}{2}$	
		1855	M	0.04			1853	H	0.10
		1856	M	0.04			L	0.06 $\frac{1}{2}$	
		1857	M	0.04			1854	H	0.10 $\frac{1}{2}$
		1858	M	0.04			L	0.07 $\frac{1}{2}$	
		1859	M	0.04			1855	H	0.11
		1860	M	0.04			L	0.07 $\frac{1}{2}$	
		1861	M	0.07 $\frac{1}{2}$			1856	H	0.11
		1862	M	0.07 $\frac{1}{2}$			L	0.07 $\frac{1}{2}$	
		1863	M	0.12 $\frac{1}{2}$			1857	H	0.10
		1864	M	0.15			L	0.07	
		1865	M	0.15			1858	H	0.10
		1866	H	0.15			L	0.07	
			L	0.08			1859	H	0.12 $\frac{1}{2}$
		1867	H	0.15			L	0.06	
			L	0.08			1860	H	0.12 $\frac{1}{2}$
		1868	H	0.15			M	0.09	
			L	0.08			L	0.05 $\frac{3}{4}$	
		1869	H	0.15			1861	H	0.12 $\frac{1}{2}$
			L	0.08			M	0.10	
		1870	H	0.15			L	0.05 $\frac{3}{4}$	
			L	0.08			1862	H	0.10
		1871	M	0.07			M	0.07	
		1872	H	0.12 $\frac{1}{2}$			L	0.04 $\frac{1}{2}$	
			L	0.07			1863	H	0.10
		1873	H	0.12 $\frac{1}{2}$			M	0.08	
			L	0.07			L	0.06	
		1874	H	0.12 $\frac{1}{2}$			1864	H	0.13
			L	0.07			L	0.10	
		1875	H	0.12 $\frac{1}{2}$			1865	H	0.15 $\frac{1}{4}$
			L	0.06			L	0.12	
		1876	H	0.12 $\frac{1}{2}$			1866	H	0.15 $\frac{1}{4}$
			L	0.05			L	0.12	
		1877	H	0.10			1867	H	0.20
			L	0.06			M	0.14 $\frac{1}{2}$	
		1878	H	0.10			L	0.12	
			L	0.05			1868	H	0.21
		1879	H	0.10			M	0.15	
			L	0.06			L	0.12	
		1880	H	0.10			1869	H	0.20
			L	0.06			M	0.14 $\frac{1}{2}$	
Iowa, . . . . lb.		1865	M	0.10			L	0.12	
		1866	M	0.10			1870	H	0.15
		1867	M	0.10			M	0.13	
		1868	M	0.09			L	0.10 $\frac{1}{2}$	
		1869	M	0.10			1871	H	0.14
		1870	M	0.10			L	0.10	
		1871	H	0.09			1872	H	0.14
			L	0.07				0.12 $\frac{1}{2}$	
		1872	M	0.09					

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Veal (FORE- QUARTER) — Con.					Veal (FORE- QUARTER) — Con.				
United States—Con.					United States—Con.				
Massachusetts, . . . lb.		1872	L	\$0.10	New Jersey, . . . lb.		1858	H	\$0.10
		1873	H	0.17				L	0.08
			M	0.14			1859	H	0.12
			L	0.10				L	0.08
		1874	H	0.15			1860	H	0.12
			M	0.13				L	0.08
			L	0.10			1861	H	0.11
		1875	H	0.17				L	0.08
			M	0.13			1862	H	0.12½
			ml	0.10				L	0.08
			L	0.08			1863	H	0.13
		1876	H	0.16				L	0.08
			M	0.13½			1864	H	0.15
			L	0.10				L	0.12
		1877	H	0.15			1865	H	0.20
			M	0.13				L	0.12
			L	0.10			1866	H	0.23
		1878	H	0.12				L	0.12
			L	0.10½			1867	H	0.23
		1879	H	0.12				M	0.17
			L	0.08				L	0.12
		1880	H	0.15			1868	H	0.23
			M	0.12				L	0.12
			ml	0.10			1869	H	0.23
			L	0.08				M	0.17
		1885	H	0.12				L	0.11
			L	0.10			1870	H	0.23
		1891	H	0.16				L	0.11
			M	0.10			1871	H	0.15
			L	0.08				M	0.12
Missouri, . . . lb.		1858	M	0.05				L	0.10
		1859	M	0.05			1872	H	0.15
		1860	M	0.05				L	0.10
		1861	M	0.06			1873	H	0.15
		1862	M	0.06				L	0.10
		1863	M	0.06			1874	H	0.15½
		1864	M	0.08				L	0.10
		1865	M	0.08			1875	H	0.15
		1866	M	0.08				L	0.10
		1867	M	0.08			1876	H	0.16
		1868	M	0.08				L	0.10
		1869	M	0.07			1877	H	0.16
		1870	M	0.07				L	0.10
		1871	M	0.07			1878	H	0.16
		1872	M	0.07				L	0.10
		1873	M	0.07			1879	H	0.16
		1874	M	0.07				L	0.10
		1875	M	0.07			1880	H	0.16
		1876	M	0.07				M	0.12
		1877	M	0.07				L	0.09
		1878	H	0.09	New York, . . . lb.		1851	H	0.07
			L	0.06				L	0.05
		1879	M	0.06			1852	H	0.06
		1880	M	0.06				L	0.04
New Jersey, . . . lb.		1851	H	0.08			1853	H	0.07
			L	0.06				L	0.04
		1852	H	0.09			1854	H	0.08
			L	0.06				L	0.05
		1853	H	0.10			1855	H	0.07
			L	0.06				L	0.05
		1854	H	0.10			1856	M	0.07
			L	0.07			1857	H	0.08
		1855	H	0.10				L	0.06
			L	0.07			1858	M	0.08
		1856	H	0.11			1859	M	0.08
			L	0.07			1860	H	0.08
		1857	H	0.10½				L	0.06
			L	0.07			1861	H	0.10



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
<b>Veal (FORE-     QUARTER) — Con.</b>					<b>Veal (FORE-     QUARTER) — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
New York, . . . lb.	1861	L	\$0.05		Ohio, . . . lb.	1863	L	\$0.03	
	1862	H	0.10			1864	H	0.12 $\frac{1}{2}$	
		M	0.08				M	0.10	
		L	0.06				L	0.06	
	1863	H	0.10			1865	H	0.12 $\frac{1}{2}$	
		L	0.08				L	0.07	
	1864	H	0.12			1866	H	0.12	
		L	0.10				L	0.07	
	1865	H	0.14			1867	H	0.11	
		M	0.12				L	0.06	
		L	0.10			1868	H	0.11	
	1866	M	0.12				M	0.08	
	1867	H	0.14				L	0.06	
		M	0.12			1869	H	0.12 $\frac{1}{2}$	
		L	0.10				M	0.10	
	1868	H	0.12				ml	0.08	
		L	0.10				L	0.06	
	1869	H	0.13			1870	H	0.12 $\frac{1}{2}$	
		L	0.10				M	0.10	
	1870	H	0.12				ml	0.08	
		L	0.10				L	0.06	
	1871	H	0.14			1871	H	0.12 $\frac{1}{2}$	
		L	0.12				M	0.10	
	1872	H	0.12				ml	0.08	
		L	0.10				L	0.06	
	1873	H	0.12			1872	H	0.12 $\frac{1}{2}$	
		L	0.08				M	0.10	
	1874	H	0.11				ml	0.08	
		L	0.09				L	0.06	
	1875	M	0.10			1873	H	0.12 $\frac{1}{2}$	
	1876	H	0.12				M	0.10	
		L	0.10				ml	0.08	
	1877	M	0.12				L	0.06	
	1878	H	0.12			1874	H	0.10	
		M	0.10				M	0.07	
		L	0.08				L	0.05	
	1879	H	0.12			1875	H	0.18	
		M	0.10				M	0.10	
		L	0.08				ml	0.07	
	1880	H	0.12				L	0.05	
		L	0.08			1876	H	0.10	
Ohio, . . . lb.	1884	M	0.10				M	0.08	
	1851	H	0.04				L	0.05	
		L	0.01 $\frac{1}{2}$			1877	H	0.10	
	1852	H	0.05				M	0.08	
		L	0.01 $\frac{1}{2}$				L	0.05	
	1853	H	0.04			1878	H	0.10	
		L	0.02				M	0.08	
	1854	H	0.05				L	0.05	
		L	0.02			1879	H	0.10	
	1855	H	0.05				M	0.08	
		L	0.03				L	0.05	
	1856	H	0.06			1880	H	0.10	
		L	0.03				M	0.08	
	1857	H	0.05				L	0.05	
		L	0.03		Pennsylvania, . . lb.	1851	M	0.04	
	1858	H	0.05			1852	M	0.04	
		L	0.03			1853	M	0.04	
	1859	H	0.06			1854	M	0.04	
		L	0.03			1855	M	0.04	
	1860	H	0.05			1856	M	0.04	
		L	0.03			1857	M	0.04	
	1861	H	0.07			1858	M	0.04	
		M	0.05			1859	M	0.04	
		L	0.03			1860	M	0.04	
	1862	M	0.05			1861	M	0.07	
	1863	H	0.12 $\frac{1}{2}$			1862	M	0.07	
		M	0.06			1863	M	0.07	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.					Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.					Ba- sis	Year	Grade	Prices	
MEATS AND GAME — Con.									MEATS AND GAME — Con.									
Veal (FORE- QUARTER) — Con.									Veal (FORE- QUARTER) — Con.									
United States—Con.									United States—Con.									
Pennsylvania, .	lb.	1864	M	\$0.09	West Virginia, .									lb.	1867	M	\$0.06	
		1865	H	0.12											1868	M	0.06	
			L	0.10											1869	M	0.06	
		1866	H	0.12											1870	M	0.06	
			L	0.10											1871	M	0.04	
		1867	H	0.12											1872	M	0.04	
			L	0.10											1873	M	0.04	
		1868	H	0.10											1874	M	0.04	
			L	0.07											1875	M	0.04	
		1869	H	0.11											1876	M	0.04	
			M	0.09											1877	M	0.04	
			L	0.07											1878	M	0.04	
		1870	H	0.09											1879	M	0.04	
			L	0.07											1880	M	0.04	
		1871	H	0.15										Foreign Countries.				
			M	0.08										Belgium, . . .	lb.	1878	M	0.16
			L	0.06											1879	M	0.16	
		1872	H	0.15											1884	M	0.16	
			M	0.12½										England, . . .	lb.	1873	H	0.18
			ml	0.08												L	0.16	
			L	0.06											1878	H	0.18	
		1873	H	0.15												L	0.14	
			M	0.12½											1879	M	0.18	
			ml	0.08											1882	M	0.18	
			L	0.06											1883	M	0.18	
		1874	H	0.12½											1884	M	0.18	
			M	0.09										France, . . .	lb.	1878	M	0.16
			L	0.06											1879	M	0.16	
		1875	H	0.12½											1884	M	0.16	
			M	0.08										Germany, . . .	lb.	1878	M	0.14
			L	0.05											1879	M	0.14	
		1876	H	0.12½										Italy, . . .	lb.	1878	M	0.15
			M	0.09											1879	M	0.15	
			L	0.05											1884	M	0.15	
		1877	H	0.12½										Saxony, . . .	lb.	1878	M	0.12
			mh	0.10										Spain, . . .	lb.	1878	H	0.25
			M	0.08												L	0.15	
			L	0.05											1879	M	0.25	
		1878	H	0.12½										West Indies, . . .	lb.	1881	M	0.75
			M	0.09										Veal (HIND- QUARTER).				
			L	0.05										United States.				
		1879	H	0.10										California, . . .	lb.	1884	H	0.18
			M	0.08												L	0.12	
			L	0.05										Connecticut, . . .	lb.	1851	M	0.06
		1880	H	0.10											1852	M	0.08	
			M	0.08											1853	M	0.07	
			L	0.05											1854	H	0.14	
		1884	H	0.22												L	0.07	
			mh	0.18											1855	H	0.14	
			M	0.14												L	0.07	
			ml	0.11											1856	H	0.14	
			L	0.07												L	0.09	
West Virginia, .	lb.	1851	M	0.04											1857	H	0.14	
		1852	M	0.04												L	0.14	
		1853	M	0.04											1858	H	0.14	
		1854	M	0.04												L	0.09	
		1855	M	0.04											1859	H	0.14	
		1856	M	0.04												L	0.09	
		1857	M	0.04											1860	H	0.14	
		1858	M	0.04												L	0.09	
		1859	M	0.04											1861	M	0.06	
		1860	M	0.04											1862	M	0.06	
		1861	M	0.06											1863	M	0.06	
		1862	M	0.06											1864	M	0.06	
		1863	M	0.06											1865	M	0.06	
		1864	M	0.06											1866	M	0.06	
		1865	M	0.06														
		1866	M	0.06														

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Veal (HIND- QUARTER) — Con.					Veal (HIND- QUARTER) — Con.				
United States—Con.					United States—Con.				
Connecticut, . . .		1862	H	\$0.15	Illinois, . . . lb.		1871	M	\$0.14
			L	0.08			1872	M	0.14
		1863	H	0.16			1873	M	0.14
			L	0.09			1874	M	0.14
		1864	H	0.18			1875	M	0.12
			L	0.15			1876	M	0.12
		1865	M	0.18			1877	M	0.10
		1866	H	0.20			1878	H	0.12
			L	0.18				L	0.10
		1867	H	0.20			1879	H	0.12
			L	0.18				L	0.10
		1868	H	0.22			1880	M	0.12 $\frac{1}{2}$
			M	0.20			1884	H	0.12 $\frac{1}{2}$
			L	0.18				L	0.10
		1869	H	0.22	Indiana, . . . lb.		1851	M	0.07
			mh	0.20			1852	M	0.07
			M	0.18			1853	M	0.07
			L	0.15			1854	M	0.07
		1870	H	0.22			1855	M	0.07
			M	0.18			1856	M	0.07
			L	0.16			1857	M	0.07
		1871	H	0.20			1858	M	0.07
			M	0.18			1859	M	0.07
			L	0.16			1860	M	0.07
		1872	H	0.20			1861	M	0.08
			M	0.18			1862	M	0.08
			L	0.16			1863	M	0.12 $\frac{1}{2}$
		1873	H	0.20			1864	M	0.15
			M	0.18			1865	M	0.15
			L	0.16			1866	M	0.12
		1874	H	0.25			1867	H	0.15
			mh	0.22				L	0.12
			M	0.17			1868	H	0.15
			ml	0.13				L	0.12
			L	0.09			1869	H	0.15
		1875	H	0.25				L	0.12
			mh	0.22			1870	H	0.15
			M	0.18				L	0.12
			ml	0.15			1871	M	0.10
			L	0.12			1872	H	0.15
		1876	H	0.20				L	0.10
			M	0.18			1873	H	0.15
			L	0.16				L	0.10
		1877	H	0.20			1874	H	0.15
			M	0.16				L	0.10
			L	0.14			1875	H	0.15
		1878	H	0.18				M	0.10
			M	0.16				L	0.08
			L	0.13			1876	H	0.15
		1879	H	0.18				M	0.10
			mh	0.16				L	0.08
			M	0.14			1877	H	0.12 $\frac{1}{2}$
			ml	0.12				L	0.09
			L	0.10			1878	H	0.12 $\frac{1}{2}$
		1880	H	0.16				L	0.10
			M	0.13			1879	H	0.12 $\frac{1}{2}$
			L	0.10				L	0.10
Illinois, . . . lb.		1860	M	0.08	Iowa, . . . lb.		1880	M	0.10
		1861	M	0.07			1865	M	0.10
		1862	M	0.08			1866	M	0.12
		1863	M	0.08			1867	M	0.12
		1864	M	0.08			1868	M	0.12
		1865	M	0.13			1869	M	0.12
		1866	M	0.12 $\frac{1}{2}$			1870	M	0.13
		1867	M	0.12 $\frac{1}{2}$			1871	M	0.12 $\frac{1}{2}$
		1868	M	0.13			1872	M	0.12 $\frac{1}{2}$
		1869	M	0.14			1873	M	0.12 $\frac{1}{2}$
		1870	M	0.14			1874	M	0.11

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
Veal (HIND- QUARTER) — Con.					Veal (HIND- QUARTER) — Con.				
United States-Con.					United States-Con.				
Iowa, . . . . lb.	1875	M	\$0.11		Massachusetts, . lb.	1885	H	\$0.25	
	1876	M	0.12 $\frac{1}{2}$				L	0.16	
	1877	M	0.11			1891	H	0.20	
	1878	M	0.11				L	0.14	
	1879	M	0.10		Missouri, . . . lb.	1858	M	0.06	
	1880	M	0.11			1859	M	0.06	
Kansas, . . . lb.	1871	M	0.09			1860	M	0.06	
	1872	M	0.09			1861	M	0.07	
	1873	M	0.09			1862	M	0.07	
	1874	M	0.09			1863	M	0.07	
	1875	M	0.09			1864	M	0.09	
	1876	M	0.09			1865	M	0.09	
	1877	M	0.09			1866	M	0.09	
	1878	M	0.09			1867	M	0.09	
	1879	M	0.09			1868	M	0.09	
	1880	M	0.09			1869	M	0.08	
Massachusetts, . lb.	1834	M	0.07			1870	M	0.08	
	1858	H	0.12 $\frac{1}{2}$			1871	M	0.08	
		L	0.10			1872	M	0.08	
	1860	M	0.12 $\frac{1}{2}$			1873	M	0.08	
	1861	M	0.12			1874	M	0.08	
	1862	H	0.12			1875	M	0.08	
		L	0.08			1876	M	0.08	
	1863	H	0.12 $\frac{1}{2}$			1877	M	0.08	
		L	0.10			1878	H	0.12	
	1864	H	0.17				M	0.09	
		L	0.12 $\frac{1}{2}$				L	0.07	
	1865	H	0.23			1879	M	0.07	
		L	0.16			1880	M	0.07	
	1866	H	0.24 $\frac{1}{2}$		New Jersey, . . lb.	1851	H	0.10	
		M	0.18				L	0.07	
		L	0.16			1852	H	0.11	
	1867	H	0.25				L	0.07	
		L	0.16			1853	H	0.12	
	1868	H	0.25				L	0.07	
		L	0.16			1854	H	0.13	
	1869	H	0.25				L	0.08	
		M	0.22 $\frac{1}{2}$			1855	H	0.12	
		L	0.16				L	0.08	
	1870	H	0.22			1856	H	0.13	
		M	0.18				L	0.09	
		L	0.16			1857	H	0.12 $\frac{1}{2}$	
	1871	H	0.22				L	0.09	
		M	0.17			1858	H	0.12	
		L	0.15				L	0.10	
	1872	H	0.22			1859	H	0.13	
		L	0.15				L	0.10	
	1873	H	0.22			1860	H	0.13	
		L	0.15				L	0.10	
	1874	H	0.20 $\frac{1}{2}$			1861	H	0.13	
		M	0.18				L	0.10	
		L	0.15			1862	H	0.13	
	1875	H	0.20				L	0.10	
		M	0.16			1863	H	0.14	
		L	0.14				L	0.10	
	1876	H	0.20			1864	H	0.20	
		M	0.15				L	0.14	
		L	0.12			1865	H	0.23	
	1877	H	0.20				L	0.14	
		M	0.18			1866	H	0.28	
		L	0.13 $\frac{1}{2}$				L	0.14	
	1878	M	0.16			1867	H	0.28	
	1879	H	0.17				M	0.22	
		L	0.14				L	0.14	
	1880	H	0.25			1868	H	0.28	
		M	0.20				L	0.14	
		ml	0.17			1869	H	0.28	
		L	0.14				M	0.22	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
MEATS AND GAME — Con.					MEATS AND GAME — Con.				
<i>Veal (HIND-     QUARTER) — Con.</i>					<i>Veal (HIND-     QUARTER) — Con.</i>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
New Jersey, . . . lb.	1869	L	H	\$0.13	New York, . . . lb.	1873	H	L	\$0.14
	1870	L	M	0.28		1874	M	L	0.12 $\frac{1}{2}$
		L	H	0.20		1875	H	L	0.14
	1871	L	H	0.12 $\frac{1}{2}$			L	L	0.15
		L	H	0.20		1876	H	L	0.12
	1872	L	H	0.14			L	L	0.16
		L	H	0.20		1877	H	L	0.14
	1873	L	H	0.12			L	L	0.16
		L	H	0.20		1878	H	L	0.14
	1874	L	H	0.12			M	M	0.14
		L	H	0.20		1879	H	L	0.12
	1875	L	H	0.13			L	L	0.10
		L	H	0.20			M	M	0.14
	1876	L	H	0.12			L	L	0.12
		L	H	0.20		1880	H	L	0.10
	1877	L	H	0.12			L	L	0.12
		L	H	0.20		1884	H	L	0.14
	1878	L	H	0.12			L	L	0.12
		M	M	0.20	Ohio, . . . lb.	1851	H	L	0.08
		L	L	0.10			M	M	0.05
	1879	L	H	0.20			L	L	0.02 $\frac{1}{2}$
		L	H	0.12		1852	H	L	0.08
	1880	L	H	0.20			M	M	0.05
		M	M	0.14			L	L	0.02 $\frac{1}{2}$
		L	H	0.12		1853	H	L	0.08
New York, . . . lb.	1851	L	H	0.08			L	L	0.03
		L	H	0.06		1854	H	L	0.08
	1852	L	H	0.08			M	M	0.06
		L	H	0.06			L	L	0.03
	1853	L	H	0.09		1855	H	L	0.09
		L	H	0.06			M	M	0.07
	1854	L	H	0.10			L	L	0.04
		L	H	0.07		1856	H	L	0.09
	1855	L	H	0.10			M	M	0.06
		L	H	0.07			L	L	0.04
	1856	L	H	0.10		1857	H	L	0.09
		L	H	0.08			M	M	0.06
	1857	L	H	0.10			L	L	0.04
		L	H	0.08		1858	H	L	0.09
	1858	M	M	0.10			M	M	0.06
	1859	M	M	0.10			L	L	0.04
	1860	M	M	0.10		1859	H	L	0.09
	1861	L	H	0.12			M	M	0.07
		L	L	0.07			L	L	0.04
	1862	L	H	0.12		1860	H	L	0.09
		L	L	0.10			M	M	0.06
	1863	L	H	0.12			L	L	0.04
		L	L	0.09		1861	H	L	0.09
	1864	L	H	0.14			L	L	0.04
		L	L	0.12		1862	H	L	0.09
	1865	L	H	0.16			L	L	0.05
		M	M	0.14		1863	H	L	0.17
		L	L	0.12			M	M	0.10
	1866	M	M	0.15			ml	ml	0.08
	1867	L	H	0.15			L	L	0.06
		L	L	0.12		1864	H	L	0.17
	1868	M	M	0.15			M	M	0.12 $\frac{1}{2}$
	1869	L	H	0.16			ml	ml	0.10
		M	M	0.14			L	L	0.08
		L	H	0.12		1865	H	L	0.17
		L	H	0.16			M	M	0.10
		M	M	0.14			L	L	0.08
		L	H	0.12		1866	H	L	0.15
	1871	L	H	0.16			M	M	0.10
		L	L	0.14			L	L	0.08
	1872	L	H	0.14		1867	H	L	0.15
		L	L	0.12			M	M	0.12



GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.				Ba- sis	Year	Grade	Prices	
MEATS AND GAME — Con.								MEATS AND GAME — Con.								
Veal (HIND- QUARTER) — Con.								Veal (HIND- QUARTER) — Con.								
United States—Con.								United States—Con.								
Ohio, . . . .	lb.	1867	L	\$0.08	Pennsylvania, . . . .								lb.	1869	H	\$0.15
		1868	H	0.15											M	0.13
			M	0.12											L	0.11
			L	0.08										1870	H	0.10
		1869	H	0.15											L	0.10
			M	0.12										1871	H	0.13
			ml	0.09											M	0.14
			L	0.07											L	0.09
		1870	H	0.15										1872	H	0.18
			M	0.10											M	0.14
			L	0.08											L	0.09
		1871	H	0.15										1873	H	0.18
			M	0.12 $\frac{1}{2}$											M	0.14
			ml	0.10											L	0.09
			L	0.08										1874	H	0.16
		1872	H	0.16											M	0.14
			mh	0.14											L	0.09
			M	0.12 $\frac{1}{2}$										1875	H	0.16
			ml	0.10											M	0.13
			L	0.08											L	0.09
		1873	H	0.14										1876	H	0.15
			M	0.12 $\frac{1}{2}$											L	0.09
			ml	0.10										1877	H	0.14
			L	0.08											M	0.10
		1874	H	0.14											L	0.08
			M	0.12										1878	H	0.14
			L	0.07											M	0.11
		1875	H	0.12 $\frac{1}{2}$											L	0.08
			L	0.07										1879	H	0.13
		1876	H	0.12 $\frac{1}{2}$											M	0.10
			M	0.10											L	0.08
			L	0.07										1880	H	0.13
		1877	H	0.12 $\frac{1}{2}$											M	0.10
			M	0.10	West Virginia, . . . .								lb.	1851	M	0.06
			L	0.07										1852	M	0.06
		1878	H	0.12 $\frac{1}{2}$										1853	M	0.06
			M	0.10										1854	M	0.06
			L	0.07										1855	M	0.06
		1879	H	0.12 $\frac{1}{2}$										1856	M	0.06
			M	0.09										1857	M	0.06
			L	0.06										1858	M	0.06
		1880	H	0.12 $\frac{1}{2}$										1859	M	0.06
			M	0.09										1860	M	0.05
			L	0.08										1861	M	0.08
Pennsylvania, . . . .	lb.	1851	M	0.06										1862	M	0.08
		1852	M	0.06										1863	M	0.08
		1853	M	0.06										1864	M	0.08
		1854	M	0.06										1865	M	0.08
		1855	M	0.06										1866	M	0.08
		1856	M	0.06										1867	M	0.08
		1857	M	0.06										1868	M	0.08
		1858	M	0.06										1869	M	0.08
		1859	M	0.06										1870	M	0.08
		1860	M	0.06										1871	M	0.06
		1861	H	0.10										1872	M	0.06
			L	0.06										1873	M	0.06
		1862	M	0.10										1874	M	0.06
		1863	M	0.10										1875	M	0.05
		1864	H	0.12										1876	M	0.06
			L	0.10										1877	M	0.06
		1865	H	0.15										1878	M	0.06
			L	0.10										1879	M	0.06
		1866	H	0.15										1880	M	0.06
			L	0.10												
		1867	H	0.18												
			M	0.15	Foreign Countries.											
			ml	0.13	Belgium, . . . .								lb.	1878	M	0.18
			L	0.10										1879	M	0.18
		1868	M	0.15										1884	M	0.18

## GRADED PRICES—Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices
MEATS AND GAME — Con.					POULTRY PROD- UCTS — Con.				
Veal (HIND- QUARTER) — Con.					Chickens — Con.				
Foreign Countries — Con.					United States—Con.				
England, . . .	lb.	1873	M	\$0.20	Wisconsin, . . .	lb.	1880	L	\$0.12
		1878	H	0.24			1881	H	0.15
			M	0.22½				L	0.13
			L	0.19			1882	H	0.14
		1879	M	0.22½				M	0.12
		1882	M	0.22				L	0.10
		1883	M	0.19			1883	H	0.20
		1884	M	0.22½				M	0.16
France, . . .	lb.	1878	M	0.20				ml	0.14
		1879	M	0.20				L	0.12
		1884	M	0.20			1884	H	0.16
Germany, . . .	lb.	1878	M	0.14				L	0.12½
		1879	M	0.14	Foreign Countries.				
Italy, . . .	lb.	1878	M	0.20	Austria, . . .	lb.	1878	H	0.30
		1879	M	0.20				L	0.20
		1884	M	0.20	Belgium, . . .	lb.	1878	H	0.31
Saxony, . . .	lb.	1878	M	0.18				M	0.25
Scotland, . . .	lb.	1878	M	0.25				L	0.20
		1879	M	0.25			pair	H	2.00
		1884	M	0.25				L	1.00
Spain, . . .	lb.	1878	H	0.25	Canada, . . .	pair	1878	M	0.36
			L	0.18		lb.	1882	H	0.13
		1879	M	0.25				L	0.07
Switzerland, . . .	lb.	1878	M	0.18			1887	M	0.08
		1879	M	0.18	Denmark, . . .	lb.	1878	M	0.18
		1884	M	0.18	Ecuador, . . .	pair	1885	H	0.30
West Indies, . . .	lb.	1881	M	0.75				L	0.24
POULTRY PROD- UCTS.					England, . . .	lb.	1878	H	0.39
Chickens.								mh	0.33
United States.								M	0.28
Connecticut, . . .	lb.	1860	H	0.16				ml	0.25
			L	0.12		pair	1882	L	0.20
		1887	H	0.24		1882	H	1.50	
			L	0.20			L	0.75	
Maine, . . .	lb.	1858	H	0.14	France, . . .	pair	1873	M	1.00
			L	0.12½			1874	M	1.15
		1868	H	0.32			1875	M	1.20
			L	0.28			1876	M	1.18
		1878	H	0.20			1877	M	1.24
			L	0.14			1878	M	1.10
			M	0.14		lb.	M	0.12½	
Massachusetts, . . .	lb.	1888	M	0.06		1881	M	0.37	
		1831	M	0.06		pair	1882	H	2.50
		1834	M	0.11			L	2.00	
		1878	M	0.21		1885	H	1.64	
		1880	H	0.30			L	0.60	
			mh	0.27		1878	H	0.40	
			M	0.22½			M	0.26	
			ml	0.18			ml	0.22	
			L	0.15		pair	L	0.18	
		1835	H	0.30		lb.	1884	H	1.25
			mh	0.26			L	0.96	
			M	0.22		pair	1887	H	0.20
			ml	0.18			L	0.18	
			L	0.14	Ireland, . . .	lb.	1878	H	0.72
		1891	H	0.28				M	0.28
			mh	0.24				ml	0.22
			M	0.19				L	0.17
			ml	0.15	Italy, . . .	lb.	1878	H	0.15
			L	0.10				M	0.27
Missouri, . . .	pair	1889	M	0.40				L	0.19
New York, . . .	lb.	1878	M	0.19		pair	1889	H	0.15
Ohio, . . .	lb.	1878	M	0.17				M	1.20
Wisconsin, . . .	lb.	1880	H	0.14				ml	0.80
								L	0.44
									0.20



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
POULTRY PROD- UCTS—Con.					POULTRY PROD- UCTS—Con.				
Eggs—Con.					Eggs—Con.				
United States—Con.					United States—Con.				
Illinois, . . . . .	doz.	1874	H	\$0.12	Indiana, . . . . .	doz.	1880	L	\$0.10
			M	0.10			1883	M	0.24 $\frac{1}{2}$
			L	0.08			1861	M	0.05
		1875	H	0.12	Iowa, . . . . .	doz.	1862	M	0.05
			L	0.10			1863	M	0.10
		1876	M	0.10			1864	M	0.10
		1877	M	0.10			1865	M	0.15
		1878	H	0.24			1866	M	0.15
			M	0.16			1867	M	0.25
			L	0.10			1868	M	0.25
		1879	H	0.24			1869	M	0.15
			L	0.10			1870	M	0.20
		1880	M	0.10			1871	M	0.20
		1884	H	0.30			1872	M	0.20
			mh	0.25			1873	M	0.15
			M	0.20			1874	M	0.15
			ml	0.15			1875	M	0.15
			L	0.10			1876	M	0.15
		1885	H	0.25			1877	M	0.15
			M	0.20			1878	M	0.15
			L	0.10			1879	M	0.15
Indiana, . . . . .	doz.	1851	M	0.20			1880	M	0.15
		1852	M	0.35			1885	H	0.30
		1853	M	0.30				L	0.10
		1854	M	0.30			1887	H	0.21
		1855	M	0.35				mh	0.18
		1856	M	0.35				M	0.14 $\frac{1}{2}$
		1857	M	0.25				ml	0.11
		1858	M	0.25				L	0.08
		1859	M	0.20			1888	M	0.19
		1860	M	0.20	Kansas, . . . . .	doz.	1871	M	0.10
		1861	M	0.20			1872	M	0.10
		1862	M	0.20			1873	M	0.09
		1863	M	0.15			1874	M	0.12
		1864	M	0.15			1875	H	0.12 $\frac{1}{2}$
		1865	H	0.30				L	0.10
			L	0.20			1876	M	0.12
		1866	H	0.30			1877	M	0.12
			L	0.20			1878	M	0.09
		1867	H	0.25			1879	M	0.10
			L	0.15			1880	H	0.17
		1868	H	0.35				L	0.13
			L	0.20			1882	M	0.15
		1869	H	0.18			1884	M	0.15
			L	0.15			1888	M	0.15
		1870	H	0.18	Kentucky, . . . . .	doz.	1872	M	0.12 $\frac{1}{2}$
			L	0.15			1873	M	0.12 $\frac{1}{2}$
		1871	H	0.20			1874	M	0.11
			L	0.15			1875	M	0.12 $\frac{1}{2}$
		1872	H	0.20			1876	M	0.11
			L	0.15			1877	M	0.10
		1873	H	0.25			1880	M	0.12
			L	0.15			1858	H	0.21
		1874	H	0.20	Maine, . . . . .	doz.		L	0.15
			L	0.15			1866	M	0.25
		1875	H	0.18			1868	H	0.40
			M	0.15				L	0.28
			L	0.10			1878	H	0.24
		1876	H	0.18				L	0.14
			M	0.15			1886	M	0.20
			L	0.10			1887	H	0.26
		1877	H	0.15				L	0.22
			L	0.10			1888	H	0.22
		1878	H	0.20				L	0.17
			M	0.15			1889	H	0.18
			L	0.10				L	0.14
		1879	H	0.20	Maryland, . . . . .	doz.	1882	M	0.24
			L	0.10			1885	H	0.30
		1880	H	0.15				mh	0.28

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
POULTRY PROD- UCTS — Con.					POULTRY PROD- UCTS — Con.				
Eggs — Con.					Eggs — Con.				
United States—Con.					United States—Con.				
Maryland, . . . . .	doz.	1885	M	\$0.20	Massachusetts, . . . . .	doz.	1859	L	\$0.17
			L	0.15			1860	H	0.27
Massachusetts, . . . . .	doz.	1830	H	0.16				M	0.22
			L	0.12				ml	0.19½
		1832	H	0.17				L	0.17
			L	0.13			1861	M	0.18
		1833	H	0.23			1862	M	0.18
			L	0.15			1863	M	0.21½
		1834	H	0.23			1864	M	0.28
			L	0.13			1865	H	0.36
		1835	M	0.17				L	0.34
		1836	M	0.20			1866	H	0.33
		1837	H	0.27				L	0.30
			M	0.23			1867	H	0.32½
			L	0.18				L	0.30
		1838	H	0.25			1868	H	0.35
			L	0.17				L	0.30
		1839	H	0.27			1869	M	0.33
			L	0.18			1870	H	0.32
		1840	M	0.12				L	0.26
		1841	H	0.26			1871	H	0.28½
			M	0.15				L	0.25
			L	0.10			1872	H	0.31
		1842	H	0.27				L	0.25
			M	0.21			1873	M	0.30
			L	0.15			1874	M	0.28
		1843	H	0.17			1875	H	0.29
			L	0.14				L	0.25
		1844	H	0.22			1876	M	0.24
			L	0.13			1877	H	0.24
		1845	H	0.21				L	0.20
			L	0.15			1878	H	0.25
		1846	H	0.27				L	0.18
			M	0.20			1879	H	0.21
			L	0.14				L	0.17
		1847	H	0.25			1880	H	0.45
			M	0.17				mh	0.36
			L	0.11				M	0.28
		1848	H	0.25				ml	0.18
			M	0.19				L	0.10
			L	0.16			1885	H	0.46
		1849	H	0.21				mh	0.38
			M	0.17				M	0.28
			L	0.13				ml	0.18
		1850	H	0.23				L	0.10
			M	0.19			1888	M	0.20
			L	0.15			1891	H	0.50
		1851	H	0.16½				mh	0.45
			M	0.15				M	0.35
			L	0.14				ml	0.25
		1852	M	0.17½				L	0.15
		1853	H	0.25	Michigan, . . . . .	doz.	1885	H	0.28
			L	0.19				mh	0.24
			M	0.25½				M	0.20
		1854	H	0.22½				ml	0.16
			M	0.22				L	0.12
			L	0.17			1886	H	0.40
		1855	H	0.28				M	0.25
			M	0.24½				L	0.15
			L	0.20			1888	M	0.15
		1856	H	0.30	Minnesota, . . . . .	doz.	1888	M	0.18
			M	0.24	Missouri, . . . . .	doz.	1851	H	0.11
			L	0.17				L	0.08½
		1857	H	0.24			1852	M	0.10
			L	0.20			1853	H	0.10
		1858	H	0.26				L	0.08½
			M	0.20			1854	M	0.10
			L	0.16			1855	H	0.20
		1859	H	0.25				L	0.10
			M	0.20					



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
POULTRY PROD- UCTS — Con.					POULTRY PROD- UCTS — Con.				
Eggs — Con.					Eggs — Con.				
United States—Con.					United States—Con.				
Missouri, . . .	doz.	1856	M	\$0.10	New Jersey, . . .	doz.	1864	M	\$0.20
		1857	M	0.12 $\frac{1}{2}$			1865	M	0.22
		1858	H	0.12 $\frac{1}{2}$			1866	M	0.20
			L	0.10			1867	H	0.36
		1859	H	0.12 $\frac{1}{2}$				L	0.18
			L	0.10			1868	M	0.18
		1860	H	0.12 $\frac{1}{2}$			1869	H	0.39
			L	0.10				L	0.18
		1861	H	0.12 $\frac{1}{2}$			1870	M	0.18
			L	0.08 $\frac{1}{2}$			1871	M	0.18
		1862	H	0.12 $\frac{1}{2}$			1872	M	0.18
			L	0.07 $\frac{1}{2}$			1873	M	0.18
		1863	H	0.12 $\frac{1}{2}$			1874	H	0.36 $\frac{3}{4}$
			L	0.06 $\frac{1}{2}$				L	0.16
		1864	H	0.15			1875	M	0.18
			L	0.10			1876	M	0.16
		1865	H	0.20			1877	M	0.18
			L	0.15			1878	M	0.16
		1866	H	0.26			1879	M	0.18
			L	0.12 $\frac{1}{2}$			1880	M	0.20
		1867	H	0.20			1882	H	0.35
			M	0.12 $\frac{1}{2}$				mh	0.30
			L	0.08				M	0.25
		1868	H	0.17 $\frac{1}{2}$				ml	0.20
			L	0.12 $\frac{1}{2}$				L	0.16
		1869	H	0.15			1886	H	0.40
			L	0.12 $\frac{1}{2}$				mh	0.36
		1870	H	0.15				M	0.25
			L	0.12 $\frac{1}{2}$				ml	0.18
		1871	M	0.12 $\frac{1}{2}$				L	0.10
		1872	M	0.12 $\frac{1}{2}$	New York, . . .	doz.	1851	H	0.20
		1873	M	0.12 $\frac{1}{2}$				M	0.12
		1874	H	0.12 $\frac{1}{2}$				L	0.09
			L	0.10			1852	H	0.20
		1875	M	0.12 $\frac{1}{2}$				M	0.15
		1876	M	0.12 $\frac{1}{2}$				ml	0.12
		1877	H	0.12 $\frac{1}{2}$				L	0.10
			L	0.10			1853	H	0.20
		1878	H	0.30				M	0.14
			M	0.15				ml	0.12
			ml	0.12 $\frac{1}{2}$				L	0.10
			L	0.09			1854	H	0.25
		1879	H	0.12 $\frac{1}{2}$				M	0.18
			L	0.09				L	0.12
		1880	H	0.12 $\frac{1}{2}$			1855	H	0.25
			L	0.10				M	0.17
		1884	H	0.25				ml	0.14
			mh	0.17 $\frac{1}{2}$				L	0.12
			M	0.15			1856	H	0.25
			ml	0.10				M	0.17
			L	0.05				L	0.12 $\frac{1}{2}$
		1889	H	0.20			1857	H	0.25
			M	0.15				M	0.18
			ml	0.12 $\frac{1}{2}$				ml	0.16
			L	0.08				L	0.14
Nebraska, . . .	doz.	1888	M	0.16			1858	H	0.25
New Jersey, . . .	doz.	1851	M	0.18				M	0.17
		1852	M	0.16				ml	0.12
		1853	M	0.15				L	0.10
		1854	M	0.16			1859	H	0.25
		1855	M	0.18				M	0.16
		1856	M	0.16				ml	0.14
		1857	M	0.18				L	0.11
		1858	M	0.20			1860	H	0.25
		1859	M	0.18				M	0.15
		1860	M	0.16				L	0.10
		1861	M	0.22			1861	H	0.20
		1862	M	0.22				mh	0.16
		1863	M	0.24				M	0.14 $\frac{1}{2}$

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
POULTRY PROD- UCTS — Con.					POULTRY PROD- UCTS — Con.				
Eggs — Con.					Eggs — Con.				
United States—Con.					United States—Con.				
New York, . . . doz.		1861	ml	\$0.12½	New York, . . . doz.		1878	M	\$0.20
			L	0.10				ml	0.15
		1862	H	0.20				L	0.10
			M	0.14			1879	H	0.30
			ml	0.12				M	0.25
			L	0.10				ml	0.16
		1863	H	0.25				L	0.12
			M	0.16			1880	H	0.22
			L	0.12				N	0.17
		1864	H	0.30				ml	0.14
			M	0.24				L	0.11
			L	0.17			1881	M	0.17
		1865	H	0.35			1882	H	0.30
			M	0.30				mh	0.28
			ml	0.25				M	0.24
			L	0.20				ml	0.19
		1866	H	0.31				L	0.15
			M	0.22			1883	M	0.21
			ml	0.20			1884	H	0.30
			L	0.16				M	0.25
		1867	H	0.36				L	0.21
			M	0.25			1885	M	0.22
			ml	0.20	Ohio, . . . doz.		1851	H	0.08
			L	0.16				M	0.06
		1868	H	0.44				L	0.04
			M	0.30			1852	M	0.07
			ml	0.25			1853	M	0.06
			L	0.20			1854	H	0.08
		1869	H	0.31				L	0.06
			M	0.25			1855	H	0.10
			ml	0.22				M	0.08
			L	0.18				L	0.06
		1870	H	0.40			1856	M	0.08
			M	0.25			1857	H	0.10
			ml	0.22				L	0.07
			L	0.18			1858	H	0.15
		1871	H	0.28½				M	0.10
			M	0.21				L	0.07
			ml	0.16			1859	H	0.16
			L	0.14				M	0.10
		1872	H	0.27				L	0.07
			mh	0.22			1860	H	0.15
			M	0.20				mh	0.12½
			ml	0.18				M	0.10
			L	0.14				L	0.07
		1873	H	0.37½			1861	H	0.15
			M	0.26½				mh	0.12
			ml	0.20				M	0.10
			L	0.15				L	0.06
		1874	H	0.24			1862	H	0.10
			mh	0.22				L	0.08½
			M	0.20			1863	H	0.20
			ml	0.18				M	0.12
			L	0.15				L	0.10
		1875	H	0.26			1864	H	0.20
			M	0.22				mh	0.17
			L	0.15				M	0.15
		1876	H	0.32				ml	0.13
			mh	0.28				L	0.10
			M	0.18			1865	H	0.25
			ml	0.16				N	0.16
			L	0.13				L	0.10
		1877	H	0.32			1866	H	0.18
			mh	0.26				M	0.15
			M	0.18				L	0.10
			ml	0.16			1867	H	0.20
			L	0.12				mh	0.17
		1878	H	0.35				N	0.15
			mh	0.25				L	0.10

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
POULTRY PROD- UCTS — Con.					POULTRY PROD- UCTS — Con.				
Eggs — Con.					Eggs — Con.				
United States—Con.					United States—Con.				
Ohio, . . . . .	doz.	1868	H	\$0.30	Ohio, . . . . .	doz.	1888	M	\$0.25
			mh	0.23	Pennsylvania, . . . . .	doz.	1881	H	0.14
			M	0.20				L	0.06
			ml	0.18			1852	H	0.18
			L	0.10				L	0.08
		1869	H	0.20			1853	H	0.16
			mh	0.18				L	0.06
			M	0.15			1854	H	0.18
			L	0.10				L	0.06
		1870	H	0.20			1855	H	0.18
			mh	0.18				L	0.06
			M	0.15			1856	H	0.17
			ml	0.13				L	0.06
			L	0.10			1857	H	0.20
		1871	H	0.27				L	0.08
			M	0.17			1858	H	0.16
			ml	0.15				L	0.06
			L	0.10			1859	H	0.16
		1872	H	0.20				L	0.06
			M	0.15			1860	H	0.16
			ml	0.12				L	0.06
			L	0.10			1861	H	0.18
		1873	H	0.20				M	0.16
			mh	0.17				L	0.06
			M	0.15			1862	H	0.18
			ml	0.12				M	0.14
			L	0.10				L	0.06
		1874	H	0.17			1863	H	0.20
			M	0.14				L	0.10
			ml	0.12			1864	H	0.28
			L	0.10				L	0.20
		1875	H	0.18			1865	H	0.30
			M	0.15				M	0.25
			ml	0.12				L	0.20
			L	0.10			1866	H	0.26
		1876	H	0.16				L	0.20
			M	0.12			1867	H	0.30
			L	0.10				M	0.26
		1877	H	0.19				L	0.20
			mh	0.16			1868	H	0.35
			M	0.14				M	0.25
			ml	0.12				L	0.20
			L	0.10			1869	H	0.30
		1878	H	0.20				M	0.25
			mh	0.18				L	0.20
			M	0.13			1870	H	0.30
			ml	0.10				M	0.24
			L	0.05				L	0.20
		1879	H	0.16			1871	H	0.30
			M	0.12				M	0.25
			ml	0.10				L	0.20
			L	0.08			1872	H	0.30
		1880	H	0.20				M	0.26
			mh	0.18				L	0.20
			M	0.15			1873	H	0.28
			ml	0.12				M	0.25
			L	0.08				L	0.20
		1881	H	0.30			1874	H	0.30
			mh	0.27				M	0.26
			M	0.24				L	0.15
			ml	0.17			1875	H	0.25
			L	0.11				M	0.22
		1882	H	0.25				L	0.15
			L	0.15			1876	H	0.23
		1887	H	0.28				M	0.16
			mh	0.24				L	0.12½
			M	0.20			1877	H	0.25
			ml	0.16				M	0.22
			L	0.12				ml	0.16

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>POULTRY PROD- UCTS — Con.</b>					<b>POULTRY PROD- UCTS — Con.</b>				
<b>Eggs — Con.</b>					<b>Eggs — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Pennsylvania, . . . doz.	1877	L	\$0.12 $\frac{1}{2}$		West Virginia, . . . doz.	1857	M	\$0.10	
	1878	H	0.28			1858	M	0.10	
		mh	0.25			1859	M	0.10	
		M	0.21			1860	M	0.10	
		ml	0.16			1861	M	0.12	
		L	0.12 $\frac{1}{2}$			1862	M	0.14	
	1879	H	0.28			1863	M	0.14	
		M	0.24			1864	M	0.14	
		ml	0.16			1865	M	0.14	
		L	0.12 $\frac{1}{2}$			1866	M	0.12	
	1880	H	0.25			1867	M	0.12	
		M	0.16			1868	M	0.12	
		L	0.12 $\frac{1}{2}$			1869	M	0.12	
	1882	H	0.35			1870	M	0.10	
		M	0.28			1871	M	0.14	
		ml	0.25			1872	M	0.12	
		L	0.20			1873	M	0.12	
	1884	H	0.50			1874	M	0.10	
		mh	0.45			1875	M	0.10	
		M	0.35			1876	M	0.10	
		ml	0.26			1877	M	0.10	
		L	0.18			1878	M	0.12	
	1885	H	0.35			1879	M	0.14	
		mh	0.28			1880	M	0.14	
		M	0.22		Wisconsin, . . . doz.	1880	H	0.35	
		ml	0.15				L	0.20	
		L	0.08			1881	H	0.40	
	1888	M	0.25				L	0.20	
Rhode Island, . . . doz.	1888	M	0.23			1882	H	0.35	
Tennessee, . . . doz.	1851	M	0.05				L	0.18	
	1855	M	0.15			1883	H	0.32	
	1856	M	0.15				L	0.16	
	1857	M	0.10			1884	H	0.35	
	1863	M	0.25				L	0.23	
	1864	M	0.30			1888	M	0.16	
	1865	M	0.25						
	1866	M	0.15		<i>Foreign Countries.</i>				
	1867	M	0.15		Australia, . . . doz.	1878	M	0.24	
	1868	M	0.20			1881	H	0.73	
	1869	M	0.16				L	0.20	
	1870	M	0.10			1889	H	0.48 $\frac{1}{2}$	
	1871	H	0.40				mh	0.45	
		L	0.15				M	0.36	
	1872	H	0.22				ml	0.28 $\frac{1}{2}$	
		L	0.18				L	0.19 $\frac{1}{2}$	
	1873	H	0.20		Austria, . . . doz.	1878	H	0.14	
		L	0.18				L	0.12	
	1874	H	0.18		Bavaria, . . . doz.	1878	M	0.18	
		L	0.15			1883	M	0.16	
	1875	M	0.18		Belgium, . . . doz.	1878	H	0.25	
	1876	H	0.20				mh	0.20	
		M	0.14				M	0.18	
		L	0.12 $\frac{1}{2}$				L	0.11	
	1877	H	0.12 $\frac{1}{2}$			1879	H	0.25	
		L	0.08 $\frac{1}{2}$				L	0.20	
	1878	H	0.15			1882	H	0.23	
		M	0.11				L	0.18 $\frac{1}{2}$	
		L	0.08			1884	H	0.25	
	1879	H	0.15				L	0.20	
		M	0.12		Bohemia, . . . doz.	1885	M	0.11	
		L	0.07		Brazil, . . . doz.	1882	H	0.32	
	1880	H	0.15				L	0.16	
		L	0.10		Canada, . . . doz.	1882	H	0.23	
		M	0.10				M	0.20	
	1851	M	0.10				ml	0.18	
	1852	M	0.10				L	0.16	
	1853	M	0.10			1887	H	0.20	
	1854	M	0.10				L	0.15	
	1855	M	0.10		Denmark, . . . doz.	1878	M	0.17	
	1856	M	0.10						
West Virginia, . . . doz.	1851	M	0.10						

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
POULTRY PROD- UCTS — Con.					POULTRY PROD- UCTS — Con.				
Eggs — Con.					Eggs — Con.				
Foreign Countries — Con.					Foreign Countries — Con.				
Ecuador, . . . .	doz.	1883	M	\$0.30	Germany, . . . .	doz.	1878	mh	\$0.20
		1885	M	0.12				M	0.18 $\frac{1}{2}$
England, . . . .	doz.	1873	H	0.24				ml	0.15 $\frac{1}{2}$
			M	0.22				L	0.12
			L	0.16			1879	H	0.20
		1878	H	0.48				L	0.15 $\frac{1}{2}$
			M	0.30			1880	H	0.21 $\frac{1}{2}$
			ml	0.22				mh	0.18 $\frac{1}{2}$
			L	0.14				M	0.15 $\frac{1}{2}$
		1879	H	0.30				L	0.04 $\frac{1}{2}$
			L	0.19			1881	H	0.16
		1882	H	0.48				L	0.12
			M	0.36			1882	M	0.21
			ml	0.25			1883	M	0.24
			L	0.16			1884	H	0.28
		1883	H	0.48				L	0.25
			M	0.30			1885	H	0.19
			ml	0.22 $\frac{1}{2}$				M	0.17
			L	0.16				L	0.14
		1884	H	0.30			1886	M	0.15
			L	0.19			1887	H	0.20
		1885	H	0.18				M	0.17
			L	0.15				L	0.14 $\frac{1}{2}$
France, . . . .	doz.	1873	H	0.24			1888	M	0.17
			L	0.17			1889	H	0.21
		1874	H	0.26				L	0.17
			L	0.18	Hesse, . . . .	doz.	1887	M	0.17
		1875	H	0.28			1888	M	0.17
			L	0.18	Holland, . . . .	doz.	1882	H	0.24
		1876	H	0.25				L	0.14
			L	0.17	Ireland, . . . .	doz.	1878	H	0.34
		1877	H	0.24				M	0.24
			L	0.18				ml	0.20
		1878	H	0.19				L	0.14
			M	0.15			1879	M	0.14
			ml	0.12			1884	H	0.40
			L	0.10				M	0.18
		1879	M	0.18				L	0.14
		1880	M	0.16	Italy, . . . .	doz.	1878	H	0.24
		1882	H	0.30				mh	0.22
			L	0.19				M	0.18
		1884	M	0.18				ml	0.16
		1885	H	0.30				L	0.12
			L	0.24			1879	M	0.18
		1889	H	0.15			1882	M	0.30
			L	0.11			1884	M	0.19
		1891	M	0.14			1885	H	0.24
Germany, . . . .	doz.	1850	M	0.08				M	0.14
		1865	M	0.12				L	0.12
		1866	M	0.12			1889	H	0.48 $\frac{1}{2}$
		1867	M	0.13				M	0.24
		1868	M	0.15				L	0.15
		1869	M	0.15	Mexico, . . . .	doz.	1882	H	0.37
		1870	H	0.16				M	0.25
			L	0.14				L	0.12 $\frac{1}{2}$
		1871	M	0.18			1883	H	0.37
		1872	M	0.19				M	0.25
		1873	M	0.19				L	0.12 $\frac{1}{2}$
		1874	M	0.19	New Zealand, . .	doz.	1889	M	0.22
		1875	H	0.22	Portugal, . . . .	doz.	1878	M	0.15
			M	0.17	Prussia, . . . .	doz.	1878	H	0.24
			L	0.13				M	0.20 $\frac{1}{2}$
		1876	H	0.22				L	0.14
			L	0.17			1880	H	0.15
		1877	H	0.22				M	0.09 $\frac{1}{2}$
			M	0.17				L	0.07
			L	0.15			1881	M	0.16
		1878	H	0.24			1882	M	0.12



GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
POULTRY PROD- UCTS—Con.					POULTRY PROD- UCTS—Con.				
Eggs—Con.					Fowls—Con.				
Foreign Countries —Con.					Foreign Countries —Con.				
Russia, . . . . . doz.	1878	H	\$0.12		England, . . . . . pair	1878	L	\$1.24	
		L	0.10			1882	H	1.50	
Scotland, . . . . . doz.	1878	H	0.32				M	1.24	
		mh	0.30				L	0.75	
		ml	0.28			1883	H	1.05	
		ml	0.26				L	0.75	
	1879	H	0.24			1885	H	1.46	
		L	0.28				L	1.22	
	1883	M	0.24		Germany, . . . . . pair	1878	H	0.80	
	1884	H	0.26				L	0.50	
		L	0.28			1885	H	1.76	
		L	0.26				L	0.88	
Sicily, . . . . . doz.	1878	H	0.24		Guiana, . . . . . pair	1889	M	1.00	
		L	0.16		Italy, . . . . . pair	1882	H	1.50	
	1889	H	0.36				L	1.00	
		M	0.24		New Zealand, . . . . . pair	1889	M	0.79	
		L	0.18						
Spain, . . . . . doz.	1878	H	0.25						
		mh	0.22½						
		M	0.20						
		L	0.12						
	1879	H	0.29						
		L	0.25						
	1884	H	0.29						
		L	0.25						
	1889	M	0.42						
Sweden, . . . . . doz.	1878	M	0.13						
Switzerland, . . . . . doz.	1878	M	0.20						
	1879	M	0.20						
	1882	M	0.20						
	1884	M	0.20						
United States of Colombia, . . . . . doz.	1883	M	0.40						
Venezuela, . . . . . doz.	1881	M	0.27½						
	1883	H	0.30						
		L	0.25						
Wales, . . . . . doz.	1878	M	0.37						
West Indies, . . . . . doz.	1881	H	1.00						
		M	0.66½						
		ml	0.40						
		L	0.36						
Wurtemberg, . . . . . doz.	1882	H	0.21						
		mh	0.19						
		M	0.17						
		L	0.14						

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>POULTRY PROD- UCTS — Con.</b>					<b>RENTS — Con.</b>				
<b>Turkeys — Con.</b>					<b>Rent (1 Room) — Con.</b>				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Wisconsin, . . . lb.		1882	M	\$0.18	Maine, . . . . mo.		1887	H	\$5.00
			L	0.15				L	2.50
		1883	H	0.20			1888	M	4.00
			L	0.16	Massachusetts, . . mo.		1880	H	10.83 $\frac{1}{2}$
		1884	H	0.18				mh	8.66 $\frac{1}{2}$
			M	0.16				M	6.50
			L	0.14				ml	5.42
<i>Foreign Countries.</i>								L	4.33 $\frac{1}{2}$
Australia, . . . pair		1881	H	6.08			1885	H	10.83 $\frac{1}{2}$
			L	2.42				mh	8.66 $\frac{1}{2}$
		1885	H	5.28				M	6.50
			L	4.86				ml	5.42
Bavaria, . . . . pair		1883	H	4.60				L	4.33 $\frac{1}{2}$
			L	2.38			1891	H	13.00
Brazil, . . . . pair		1882	H	4.00				mh	10.83 $\frac{1}{2}$
			L	3.00				M	8.66 $\frac{1}{2}$
Canada, . . . . lb.		1878	M	0.08				ml	5.42
		1882	H	0.15	Ohio, . . . . . mo.		1877	M	3.25
			L	0.12	Rhode Island, . . mo.		1888	H	5.00
		1887	M	0.12 $\frac{1}{2}$				M	7.00
Ecuador, . . . . pair		1885	H	2.20				L	5.00
			L	1.40				L	2.00
Germany, . . . . lb.		1884	H	0.25	<i>Foreign Countries.</i>				
			L	0.22	England, . . . . mo.		1878	M	1.56
Guiana, . . . . pair		1889	H	6.00			1889	M	3.64
			L	5.76	Scotland, . . . . mo.		1884	H	3.25
Italy, . . . . . pair		1882	H	6.00				L	2.60
			L	2.00	<b>Rent (2 Rooms).</b>				
	lb.	1889	H	0.15	<i>United States.</i>				
			L	0.13	Iowa, . . . . . mo.		1885	H	15.00
	pair		H	6.00				mh	10.00
			L	2.00				M	8.00
Mexico, . . . . . pair		1882	H	4.00				ml	5.00
			L	2.50				L	2.00
		1883	H	4.00	Kansas, . . . . . mo.		1886	H	15.00
			L	2.00				mh	11.00
New Zealand, . . pair		1889	M	2.66				M	8.00
Sicily, . . . . . pair		1889	H	6.00				ml	5.00
			L	2.00				L	2.00
Switzerland, . . pair		1878	M	2.80			1887	H	12.00
United States of								mh	10.00
Colombia, . . . . pair		1883	H	8.00				M	7.00
			M	6.00				ml	4.00
			L	4.00				L	1.00
West Indies, . . pair		1881	H	10.00			1888	H	4.12
			M	6.00				L	1.80
			ml	5.00			1890	H	10.00
			L	4.00				mh	8.00
<b>RENTS.</b>								M	6.00
<b>Rent (1 Room).</b>								ml	5.00
<i>United States.</i>								L	2.75
Kansas, . . . . . mo.		1886	H	13.00	Maine, . . . . . mo.		1887	M	1.00
			mh	10.00			1888	H	4.00
			M	7.00				L	3.00
			ml	4.00	Massachusetts, . . mo.		1880	H	15.16 $\frac{1}{2}$
			L	1.00				mh	13.00
		1887	H	10.00				M	10.83 $\frac{1}{2}$
			M	5.00				ml	8.66 $\frac{1}{2}$
			ml	3.00				L	6.50
			L	1.00			1885	H	15.16 $\frac{1}{2}$
		1888	M	4.00				mh	13.00
		1890	H	10.00				M	10.83 $\frac{1}{2}$
			mh	8.00				ml	8.66 $\frac{1}{2}$
			M	6.00				L	6.50
			ml	4.00			1891	H	19.50
			L	2.00				mh	15.16 $\frac{1}{2}$

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>RENTS — Con.</b>					<b>RENTS — Con.</b>				
<b>Rent (2 Rooms)</b> — Con.					<b>Rent (3 Rooms)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Massachusetts, . . .	mo.	1891	M	\$13.00	Kansas, . . .	mo.	1890	mh	\$10.00
			ml	8.66 $\frac{2}{3}$				M	7.50
			L	5.42				ml	5.00
Ohio, . . .	mo.	1877	H	10.00				L	2.00
			mh	8.00	Maine, . . .	mo.	1887	H	5.00
			M	6.00				L	3.00
			ml	5.00			1888	H	4.50
			L	2.00				L	3.00
		1883	H	12.00	Massachusetts, . . .	mo.	1880	H	10.00
			mh	9.00				mh	8.00
			M	7.00				M	7.00
			ml	5.00				ml	6.00
			L	3.50				L	4.50
Pennsylvania, . . .	mo.	1880	H	8.00			1885	H	10.00
			M	5.00				mh	8.00
			L	2.00				M	7.00
		1882	M	2.50				ml	6.00
Rhode Island, . . .	mo.	1888	H	7.00				L	4.50
			L	3.00			1891	H	15.16 $\frac{2}{3}$
								mh	12.00
<i>Foreign Countries.</i>								M	9.00
England, . . .	mo.	1878	H	5.20				ml	6.00
			L	3.64	Minnesota, . . .	mo.	1890	L	3.00
		1889	H	6.76				H	8.00
			L	3.46 $\frac{2}{3}$				M	6.00
Scotland, . . .	mo.	1879	M	4.00				L	5.00
		1884	M	4.00	Ohio, . . .	mo.	1877	H	10.00
		1889	H	4.33 $\frac{1}{3}$				M	8.00
			L	2.38 $\frac{1}{2}$				L	5.00
							1883	H	13.00
<b>Rent (3 Rooms).</b>								mh	10.00
<i>United States.</i>								M	8.00
Illinois, . . .	mo.	1865	M	6.00				ml	5.50
		1866	M	6.00				L	3.00
		1867	M	6.00	Pennsylvania, . . .	mo.	1880	H	10.00
		1868	M	6.00				M	6.00
		1869	M	6.00				ml	4.00
		1870	M	6.00				L	2.00
		1871	M	6.00			1881	M	3.00
		1872	M	6.00			1882	M	2.50
		1873	M	6.00	Rhode Island, . . .	mo.	1887	H	7.50
		1874	M	6.00				L	6.50
		1875	M	6.00			1888	H	11.50
		1876	M	6.00				M	7.00
		1877	M	6.00				ml	5.00
		1878	M	6.00				L	3.00
		1879	M	6.00			1889	H	7.00
		1880	M	6.00				L	2.50
Iowa, . . .	mo.	1885	H	20.00	<i>Foreign Countries.</i>				
			M	12.00	Alsace-Lorraine, . . .	mo.	1882	M	1.92
			ml	7.00	Baden, . . .	mo.	1882	M	2.05
			L	3.00	Bavaria, . . .	mo.	1882	M	2.40
Kansas, . . .	mo.	1886	H	12.00	England, . . .	mo.	1878	H	4.68
			mh	9.40				L	2.60
			M	7.00			1889	M	4.42
			ml	4.50	Hesse, . . .	mo.	1882	M	2.15
			L	2.00	Prussia, . . .	mo.	1882	H	3.10
		1887	H	13.00				L	2.71
			mh	11.00	Scotland, . . .	mo.	1879	M	6.00
			M	8.00			1884	M	6.45
			ml	6.00					
			L	4.00					
		1888	H	10.00	<b>Rent (4 Rooms).</b>				
			mh	8.00	<i>United States.</i>				
			M	6.00	Connecticut, . . .	mo.	1860	H	2.25
			ml	4.00				L	1.75
			L	2.00			1861	H	2.25
		1890	H	12.50				L	1.75

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
RENTS — Con.					RENTS — Con.				
Rent (4 Rooms) — Con.					Rent (4 Rooms) — Con.				
United States—Con.					United States—Con.				
Connecticut, . . .	mo.	1862	H	\$2.25	Illinois, . . .	mo.	1869	H	\$11.50
			L	1.75			1870	L	5.00
		1863	H	2.25			1870	H	11.50
			L	1.75				L	5.00
		1864	H	2.25			1871	M	10.00
			L	1.75			1872	M	10.00
		1865	H	2.25			1873	M	8.00
			L	1.75			1874	M	8.00
		1866	H	2.25			1875	M	8.00
			L	1.75			1876	H	8.00
		1867	H	2.25				L	7.00
			L	1.75			1877	M	7.00
		1868	H	2.25			1878	M	7.00
			L	1.75			1879	M	7.00
		1869	H	2.25			1880	H	8.00
			L	1.75				L	6.00
		1870	H	2.25	Indiana, . . .	mo.	1851	M	7.00
			L	1.75			1852	M	7.00
		1871	H	2.25			1853	M	7.00
			L	1.75			1854	M	7.00
		1872	H	2.25			1855	M	7.00
			L	1.75			1856	M	7.00
		1873	H	2.25			1857	M	7.00
			L	1.75			1858	M	7.00
		1874	H	15.00			1859	H	7.00
			mh	12.00				L	4.00
			M	8.00			1860	H	7.00
			ml	5.00				M	6.00
			L	1.75				L	4.00
		1875	H	20.00			1861	H	8.00
			mh	14.00				M	7.00
			M	10.00				L	6.00
			ml	6.00			1862	H	10.00
			L	1.75				L	6.00
		1876	H	2.25			1863	H	13.00
			L	1.75				M	10.00
		1877	H	2.25				L	6.00
			L	1.75			1864	H	14.00
		1878	H	2.25				M	10.00
			L	1.75				L	6.00
		1879	H	2.25			1865	H	14.00
			L	1.75				mh	12.00
		1880	H	8.00				M	10.00
			L	1.75				L	6.50
Illinois, . . .	mo.	1856	M	12.50			1866	H	14.00
		1857	M	10.00				mh	12.00
		1858	H	10.00				M	10.00
			L	8.00				L	7.00
		1859	H	10.00			1867	H	14.00
			L	8.00				mh	12.00
		1860	M	10.00				M	10.00
		1861	H	8.00				L	8.00
			L	4.00			1868	H	14.00
		1862	H	15.00				mh	12.00
			M	8.00				M	10.00
			L	4.00				L	8.50
		1863	H	9.00			1869	H	14.00
			L	4.00				M	10.00
		1864	H	10.00				L	9.00
			L	4.00			1870	H	14.00
		1865	H	10.00				M	10.00
			L	5.00				L	7.00
		1866	H	10.00			1871	H	11.00
			L	5.00				mh	10.00
		1867	H	11.00				M	9.00
			L	5.00				L	7.00
		1868	H	11.00			1872	H	12.00
			M	8.00				M	10.00
			L	5.00				L	7.00

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
RENTS — Con. Rent (4 Rooms) — Con.					RENTS — Con. Rent (4 Rooms) — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Indiana, . . . .	mo.	1873	H	\$13.00	Kansas, . . . .	mo.	1887	M	\$9.00
			M	10.00				ml	5.00
			L	7.00				L	2.00
		1874	H	13.00			1888	H	16.00
			M	10.00				mh	13.80
			L	5.00				M	11.04
		1875	H	13.00				ml	8.64
			M	10.00				L	5.16
			ml	8.00			1890	H	20.00
			L	5.00				mh	15.00
		1876	H	12.00				M	11.00
			mh	10.00				ml	6.00
			M	8.00				L	2.00
			L	5.00	Kentucky, . . . .	mo.	1851	M	12.00
		1877	H	12.00			1852	M	12.00
			mh	10.00			1853	M	12.00
			M	8.00			1854	M	12.00
			L	5.00			1855	M	12.00
		1878	H	10.00			1856	M	12.00
			M	8.00			1857	M	12.00
			L	5.00			1858	M	12.00
		1879	H	10.00			1859	M	12.00
			M	8.00			1860	M	12.00
			L	5.00			1861	M	15.00
		1880	H	12.00			1862	M	15.00
			M	10.00			1863	M	20.00
			L	7.00			1864	M	25.00
Iowa, . . . .	mo.	1861	M	5.00			1865	M	25.00
		1862	M	5.00			1866	H	25.00
		1863	M	5.00				L	11.00
		1864	M	6.00			1867	H	20.00
		1865	M	6.00				L	11.00
		1866	M	6.00			1868	H	20.00
		1867	M	6.50				L	10.00
		1868	M	6.50			1869	H	20.00
		1869	M	6.50				L	10.00
		1870	M	7.00			1870	H	20.00
		1871	M	6.50				L	10.00
		1872	M	6.50			1871	H	12.00
		1873	M	6.50				L	9.50
		1874	M	6.50			1872	H	12.00
		1875	H	10.00				L	9.50
			L	7.00			1873	H	12.00
		1876	M	7.00				L	9.00
		1877	M	7.00			1874	H	12.00
		1878	M	7.00				L	9.00
		1879	M	7.00			1875	H	10.00
		1880	M	7.00				L	8.00
		1885	H	25.00			1876	H	10.00
			M	15.00				L	8.00
			ml	10.00			1877	H	10.00
			L	5.00				L	7.50
Kansas, . . . .	mo.	1871	M	10.00			1878	H	10.00
		1872	M	10.00				L	7.50
		1873	M	10.00			1879	H	10.00
		1874	M	7.50				L	7.50
		1875	M	7.60			1880	H	10.00
		1876	M	8.00				L	7.50
		1877	M	8.00	Maine, . . . .	mo.	1887	H	10.00
		1878	M	10.00				M	7.00
		1879	M	10.00				L	4.00
		1880	M	12.50			1888	H	8.00
		1886	H	17.00				M	5.00
			mh	14.00				L	2.50
			M	11.00	Maryland, . . . .	mo.	1864	M	5.00
			ml	8.00			1867	M	6.00
			L	5.00			1869	M	8.00
		1887	H	16.00			1873	M	12.00
			mh	12.50			1875	M	10.00



ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
RENTS — CON.					RENTS — CON.				
Rent (4 Rooms) — Con.					Rent (4 Rooms) — Con.				
United States—Con.					United States—Con.				
Maryland, . . . .	mo.	1877	M	\$8.00	Missouri, . . . .	mo.	1864	H	\$15.00
		1879	M	7.00				L	6.00
Massachusetts, . .	mo.	1851	M	5.00			1865	H	15.00
		1852	M	5.00				L	6.00
		1853	M	5.00			1866	H	18.00
		1854	M	5.00				L	4.00
		1855	M	5.00			1867	H	18.00
		1856	M	5.00				L	4.00
		1857	M	5.00			1868	H	18.00
		1858	M	5.00				L	4.00
		1859	M	5.00			1869	H	18.00
		1860	M	5.00				L	4.00
		1861	M	5.00			1870	H	18.00
		1862	M	5.00				L	4.00
		1863	M	5.00			1871	H	16.00
		1864	M	7.00				L	3.50
		1865	M	7.00			1872	H	16.00
		1866	M	7.00				L	3.50
		1867	M	7.00			1873	H	16.00
		1868	M	10.00				L	3.50
		1869	M	10.00			1874	H	16.00
		1870	M	10.00				M	12.50
		1871	M	10.00				L	3.50
		1872	M	10.00			1875	H	15.00
		1873	M	10.00				mh	12.50
		1874	M	10.00				M	10.00
		1875	M	10.00				L	3.50
		1876	M	8.00			1876	H	15.00
		1877	M	8.00				mh	12.50
		1878	M	8.00				M	10.00
		1879	M	6.00				L	3.50
		1880	H	12.00			1877	H	15.00
			mh	10.00				M	10.00
			M	8.00				L	3.50
			ml	6.00			1878	H	18.00
			L	4.00				M	15.00
		1885	H	12.00				L	3.50
			mh	10.00			1879	H	18.00
			M	8.00				M	15.00
			ml	6.00				L	3.00
			L	4.00			1880	H	18.00
		1891	H	16.00				M	15.00
			mh	12.50				L	3.00
			M	8.00			1856	M	7.00
			ml	5.00			1857	M	7.00
			L	1.50			1858	M	6.50
Minnesota, . . . .	mo.	1890	H	14.00			1859	M	6.50
			M	9.00			1860	M	6.50
			ml	7.00			1861	M	6.50
			L	5.00			1862	M	6.50
Missouri, . . . .	mo.	1851	M	9.00			1863	M	6.00
		1852	M	9.00			1864	M	6.00
		1853	M	9.00			1865	M	7.50
		1854	M	9.00			1866	M	7.50
		1855	M	10.00			1867	M	7.70
		1856	M	10.00			1868	M	8.00
		1857	M	10.00			1869	M	10.46
		1858	H	10.00			1870	M	12.00
			L	5.00			1871	M	12.00
		1859	H	10.00			1872	M	12.00
			L	5.00			1873	M	12.00
		1860	H	10.00			1874	H	16.00
			L	5.00				L	12.00
		1861	H	10.00			1875	M	12.00
			L	5.00			1876	M	10.00
		1862	H	10.00			1877	M	10.00
			L	6.00			1878	M	8.50
		1863	H	15.00			1879	M	8.00
			L	6.00			1880	M	8.00

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices
RENTS—Con.					RENTS—Con.				
Rent (4 Rooms)					Rent (4 Rooms)				
—Con.					—Con.				
United States—Con.					United States—Con.				
New York, . . . mo.	1851	M	\$6.00		Ohio, . . . mo.	1870	L	\$4.00	
	1852	M	6.00			1871	H	10.00	
	1853	M	6.00				M	8.00	
	1854	M	6.00				L	6.00	
	1855	M	6.00			1872	H	10.00	
	1856	M	6.00				L	6.00	
	1857	M	6.00			1873	H	10.00	
	1858	M	6.00				M	8.00	
	1859	M	6.00				ml	6.00	
	1860	M	6.00				L	4.00	
	1867	M	8.50			1874	H	10.00	
	1869	M	8.40				M	8.00	
	1874	M	6.76				ml	6.00	
Ohio, . . . mo.	1851	H	6.00				L	4.00	
		L	3.00			1875	H	12.00	
	1852	H	6.00				mh	10.00	
		L	5.00				M	8.00	
	1853	H	6.00				ml	6.00	
		L	5.00				L	4.00	
	1854	H	7.00			1876	H	12.00	
		M	6.00				mh	10.00	
		L	5.00				M	8.00	
	1855	H	7.00				L	4.00	
		M	6.00			1877	H	17.00	
		L	5.00				mh	12.00	
	1856	H	7.00				M	10.00	
		M	6.00				ml	7.00	
		L	5.00				L	4.00	
	1857	H	7.00			1878	H	12.00	
		M	6.00				mh	10.00	
		L	5.00				M	8.00	
	1858	H	7.00				L	4.50	
		M	6.00			1879	H	12.00	
		L	5.00				mh	10.00	
	1859	H	7.00				M	8.00	
		M	6.00				L	5.00	
		L	5.00			1880	H	12.00	
	1860	H	7.00				mh	10.00	
		M	6.00				M	8.00	
		L	5.00				ml	6.00	
	1861	H	7.00				L	4.50	
		M	5.00			1883	H	19.50	
		L	4.00				mh	15.00	
	1862	H	8.00				M	12.50	
		M	6.00				ml	8.00	
		L	4.00				L	5.00	
	1863	H	8.00		Pennsylvania, . . mo.	1851	M	4.00	
		M	6.00			1852	M	4.00	
		L	5.00			1853	M	4.00	
	1864	H	8.00			1854	M	4.00	
		M	6.00			1855	M	4.00	
		L	3.00			1861	M	6.00	
	1865	H	9.00			1862	M	6.00	
		L	5.00			1863	M	6.00	
	1866	H	9.00			1864	M	8.00	
		L	5.00			1865	M	10.00	
	1867	H	10.00			1866	M	12.00	
		M	8.00			1867	H	12.00	
		L	5.00				L	6.16	
	1868	H	10.00			1868	M	12.00	
		M	8.00			1869	H	14.00	
		L	5.00				L	4.40	
	1869	H	10.00			1870	H	14.00	
		M	8.00				L	5.00	
		ml	6.00			1871	H	14.00	
		L	4.00				L	5.00	
	1870	H	10.00			1872	H	14.00	
		M	8.00				L	5.00	
		ml	6.00			1873	H	14.00	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
<b>RENTS — Con.</b>					<b>RENTS — Con.</b>				
<b>Rent (4 Rooms)</b>					<b>Rent (4 Rooms)</b>				
— Con.					— Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Pennsylvania, . . .	mo.	1873	L	\$5.00	West Virginia, . . .	mo.	1871	M	\$4.00
		1874	H	12.00			1872	M	5.00
			M	9.37			1873	M	5.00
			L	4.00			1874	M	4.00
		1875	H	12.00			1875	M	4.00
			M	9.00			1876	M	5.00
			L	4.00			1877	M	4.00
		1876	H	12.00			1878	M	5.00
			M	10.00			1879	M	5.00
			ml	6.00			1880	M	6.00
			L	4.50					
		1877	H	12.00	<i>Foreign Countries.</i>				
			M	10.00	Alsace-Lorraine, . . .	mo.	1882	M	3.60
			ml	6.00	Australia, . . .	mo.	1878	H	12.48
			L	4.50				L	4.85
		1878	H	12.00	Baden, . . .	mo.	1882	M	3.70
			M	9.00	Bavaria, . . .	mo.	1882	M	4.12
			L	4.50	England, . . .	mo.	1873	M	5.42
		1879	H	12.00			1878	H	7.80
			M	9.00				M	5.20
			L	5.00				L	2.60
		1880	H	13.25			1882	H	5.98
			mh	10.00				L	4.46½
			M	7.00			1883	H	5.20
			ml	4.50				L	2.08
			L	2.00			1889	H	6.24
		1881	H	10.58				M	4.68
			M	6.50				L	2.60
			ml	4.62	Germany, . . .	mo.	1878	H	5.00
			L	2.00				L	2.80
		1882	H	12.13			1882	H	4.32
			M	7.00				L	3.50
			L	3.00	Hesse, . . .	mo.	1882	M	3.85
Rhode Island, . . .	mo.	1887	H	8.00	Italy, . . .	mo.	1878	M	5.00
			M	5.00	Prussia, . . .	mo.	1882	H	5.32
			L	3.60				M	4.36
		1888	H	14.00				L	3.60
			mh	12.00	Saxony, . . .	mo.	1882	M	3.36
			M	8.00	Scotland, . . .	mo.	1879	M	7.91½
			ml	5.00			1889	M	3.30
			L	2.00					
		1889	H	13.00	<b>Rent (5 Rooms).</b>				
			M	7.50	<i>United States.</i>				
			ml	5.00					
			L	2.00	Kansas, . . .	mo.	1886	H	22.50
Tennessee, . . .	mo.	1870	M	20.00				mh	18.00
		1871	M	20.00				M	14.00
		1879	M	18.00				ml	10.00
		1880	M	20.00				L	6.50
West Virginia, . . .	mo.	1851	M	4.00			1887	H	15.00
		1852	M	4.00				M	10.00
		1853	M	4.00				L	8.00
		1854	M	4.00			1888	M	8.95
		1855	M	4.00			1890	H	20.00
		1856	M	4.00				mh	15.00
		1857	M	4.00				M	11.00
		1858	M	4.00				ml	6.00
		1859	M	4.00				L	2.00
		1860	M	4.00	Maine, . . .	mo.	1887	H	12.00
		1861	M	4.00				mh	10.00
		1862	M	5.00				M	7.00
		1863	M	5.00				L	4.00
		1864	M	5.50			1888	H	10.00
		1865	M	5.50				mh	8.50
		1866	M	5.50				M	6.00
		1867	M	5.00				ml	4.50
		1868	M	4.00				L	3.50
		1869	M	4.00	Massachusetts, . . .	mo.	1880	H	15.00
		1870	M	4.00				M	12.00

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- is	Year	Grade	Prices
<b>RENTS — Con.</b>					<b>RENTS — Con.</b>				
<b>Rent (5 Rooms)</b>					<b>Rent (6 Rooms)</b>				
— Con.					— Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Massachusetts, . . .	mo.	1880	L	\$10.00	Connecticut, . . .	mo.	1867	M	\$3.25
		1881	M	6.50			1868	M	3.25
		1885	H	15.00			1869	M	3.25
			M	12.00			1870	M	3.25
			L	10.00			1871	M	3.75
		1891	H	16.00			1872	M	3.75
			M	12.00			1873	M	3.75
			L	2.50			1874	H	25.00
Minnesota, . . .	mo.	1890	H	16.00				mh	20.00
			mh	14.00				M	14.00
			M	10.00				ml	8.00
			ml	8.00				L	2.50
			L	5.00			1875	H	16.00
Ohio, . . .	mo.	1877	H	13.00				mh	12.50
			M	10.00				M	10.00
			ml	7.00				ml	5.00
			L	5.00				L	2.25
		1883	H	16.25			1876	M	3.75
			mh	13.00			1877	M	3.75
			M	10.00			1878	M	3.75
			ml	7.00			1879	M	3.75
			L	4.00			1880	H	10.00
Pennsylvania, . . .	mo.	1880	H	17.33				L	2.25
			M	9.50	Illinois, . . .	mo.	1856	M	15.00
			ml	5.75			1857	M	12.00
			L	2.00			1858	H	12.00
		1881	H	10.12				L	10.00
			M	6.31			1859	H	12.00
			L	3.00				L	10.00
		1882	H	12.17			1860	M	12.00
			M	7.80			1861	H	10.00
			ml	5.00				L	6.00
			L	3.00			1862	H	20.00
		1887	H	11.00				M	10.00
			mh	10.00				L	6.00
			M	9.00			1863	H	20.00
			ml	8.00				M	12.00
			L	7.00				L	6.00
Rhode Island, . . .	mo.	1887	H	11.00			1864	H	12.00
			M	7.25				L	6.00
			ml	6.50			1865	H	12.00
			L	4.50				L	7.00
		1888	H	15.00			1866	H	12.00
			mh	12.00				L	7.00
			M	9.00			1867	H	13.00
			ml	6.00				L	7.00
			L	3.00			1868	H	20.00
		1889	H	7.00				M	13.00
			mh	6.00				L	7.00
			M	5.00			1869	H	14.00
			ml	3.20				M	10.00
			L	2.75				L	7.00
<i>Foreign Countries.</i>							1870	H	15.00
England, . . .	mo.	1878	H	8.84				M	10.00
			L	5.20			1871	M	15.50
		1881	M	5.20			1872	M	15.50
		1883	M	4.16			1873	H	15.00
<b>Rent (6 Rooms).</b>								L	12.00
<i>United States.</i>							1874	H	15.00
Connecticut, . . .	mo.	1860	M	3.25				L	12.00
		1861	M	3.25			1875	H	14.00
		1863	M	3.25				L	12.00
		1864	M'	3.25			1876	H	13.00
		1865	H	10.00				L	10.00
			L	2.75			1877	H	20.00
		1866	M	3.25				M	12.00
								L	10.00
							1878	H	18.00

## GRADED PRICES—Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
RENTS—Con.					RENTS—Con.				
Rent (6 Rooms) —Con.					Rent (6 Rooms) —Con.				
United States—Con.					United States—Con.				
Illinois, . . . .	mo.	1878	M	\$12.00	Indiana, . . . .	mo.	1878	L	\$6.00
			L	10.00			1879	H	12.50
		1879	H	16.00				M	10.00
			L	10.00				L	6.00
		1880	H	15.00			1880	H	15.00
			M	12.50				M	12.00
			L	9.00				L	8.00
Indiana, . . . .	mo.	1851	M	10.00	Iowa, . . . .	mo.	1861	M	6.00
		1852	M	10.00			1862	M	6.00
		1853	M	10.00			1863	M	6.00
		1854	M	10.00			1864	M	7.00
		1855	M	10.00			1865	M	7.00
		1856	M	10.00			1866	M	7.00
		1857	M	10.00			1867	M	7.50
		1858	M	10.00			1868	M	7.50
		1859	H	10.00			1869	M	7.50
			L	5.00			1870	M	8.00
		1860	H	10.00			1871	M	8.00
			M	8.00			1872	M	8.00
			L	5.00			1873	M	8.00
		1861	H	11.00			1874	M	3.00
			L	8.00			1875	M	10.00
		1862	H	12.50			1876	M	10.00
			M	10.00			1877	M	12.00
			L	8.00			1878	M	12.00
		1863	H	12.50			1879	M	15.00
			M	10.00			1880	M	15.00
			L	8.00			1885	H	18.00
		1864	H	12.50				mh	15.00
			L	8.00				M	13.50
		1865	H	18.00				ml	10.00
			M	12.50				L	8.00
			L	9.00	Kansas, . . . .	mo.	1871	M	30.00
		1866	H	18.00			1872	M	30.00
			M	12.50			1873	M	30.00
			L	10.00			1874	M	25.00
		1867	H	18.00			1875	M	20.00
			L	11.00			1876	M	20.00
		1868	H	18.00			1877	M	20.00
			L	11.50			1878	M	20.00
		1869	H	15.00			1879	M	20.00
			L	12.00			1880	M	20.00
		1870	H	15.00			1886	H	20.00
			M	12.00				mh	15.00
			L	8.00				M	12.50
		1871	H	15.00				ml	8.00
			M	12.00				L	5.00
			L	8.00			1887	H	16.00
		1872	H	15.00				L	15.00
			M	12.00			1890	H	15.00
			L	8.00				mh	13.00
		1873	H	15.00				M	10.00
			M	11.50				ml	7.00
			L	8.00				L	5.00
		1874	H	15.00	Kentucky, . . . .	mo.	1851	M	15.00
			L	6.00			1852	M	15.00
		1875	H	15.00			1853	M	15.00
			M	11.00			1854	M	15.00
			L	6.00			1855	M	15.00
		1876	H	14.00			1856	M	15.00
			mh	12.50			1857	M	15.00
			M	10.00			1858	M	15.00
			L	6.00			1859	M	15.00
		1877	H	13.50			1860	M	15.00
			M	10.00			1861	M	20.00
			L	6.00			1862	M	20.00
		1878	H	14.00			1863	M	25.00
			mh	12.00			1864	M	35.00
			M	10.00			1865	M	35.00



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	
RENTS — CON.					RENTS — CON.					
Rent (6 Rooms)					Rent (6 Rooms)					
— Con.					— Con.					
United States—Con.					United States—Con.					
Kentucky, . . .	mo.	1866	M	\$35.00	Massachusetts, . . .	mo.	1891	M	\$20.00	
		1867	M	25.00				ml	11.00	
		1868	M	25.00				L	5.00	
		1869	M	25.00	Minnesota, . . .	mo.	1890	H	25.00	
		1870	M	25.00				mh	20.00	
		1871	M	15.00				M	16.00	
		1872	M	15.00				ml	10.00	
		1873	M	15.00				L	6.00	
		1875	M	12.00	Missouri, . . .	mo.	1851	M	14.00	
		1876	M	12.00				1852	M	14.00
		1877	M	12.00				1853	M	14.00
		1878	M	12.00				1854	M	14.00
		1879	M	12.00				1855	M	15.00
		1880	M	12.00				1856	M	15.00
Maine, . . .	mo.	1887	H	16.00				1857	M	15.00
			M	10.00				1858	M	15.00
			ml	8.00				1859	M	15.00
			L	5.83				1860	M	15.00
		1888	H	9.00				1861	M	12.00
			M	6.00				1862	M	12.00
			L	4.17				1863	M	16.66 $\frac{2}{3}$
Maryland, . . .	mo.	1859	M	14.88				1864	M	16.66 $\frac{2}{3}$
		1861	M	12.50				1865	M	16.66 $\frac{2}{3}$
		1862	M	10.00				1866	M	20.00
		1864	M	14.58				1867	M	20.00
		1866	M	16.66				1868	M	20.00
		1867	M	18.95				1869	M	25.00
		1871	M	20.00				1870	M	25.00
		1877	M	18.00				1871	H	35.00
		1879	M	16.00				L	25.00	
Massachusetts, . . .	mo.	1851	M	9.00				1872	H	35.00
		1852	M	9.00				L	25.00	
		1853	M	9.00				1873	H	30.00
		1854	M	9.00				M	25.00	
		1855	M	9.00				L	22.50	
		1856	M	9.00				1874	H	30.00
		1857	M	9.00				M	25.00	
		1858	M	9.00				L	20.00	
		1859	M	9.00				1875	H	25.00
		1860	M	9.00				L	20.00	
		1861	M	9.00				1876	H	25.00
		1862	M	9.00				M	23.00	
		1863	M	9.00				L	20.00	
		1864	M	12.00				1877	H	23.00
		1865	M	12.00				L	20.00	
		1866	M	12.00				1878	H	25.00
		1867	M	12.00				M	22.50	
		1868	M	17.00				L	20.00	
		1869	M	17.00				1879	H	25.00
		1870	M	17.00				M	22.50	
		1871	M	17.00				L	20.00	
		1872	M	17.00				1880	H	25.00
		1873	M	17.00				L	20.00	
		1874	M	17.00	New Jersey, . . .	mo.	1856	M	8.50	
		1875	M	17.00				1857	M	8.50
		1876	M	12.00				1858	M	8.00
		1877	M	12.00				1859	M	8.00
		1878	M	12.00				1860	M	8.00
		1879	M	10.00				1861	M	8.00
		1880	H	25.00				1862	M	8.00
			M	15.00				1863	M	8.00
			ml	10.00				1864	M	8.00
			L	5.00				1865	M	10.00
		1885	H	25.00				1866	M	10.00
			M	15.00				1867	M	12.00
			ml	10.00				1868	M	15.00
			L	5.00				1869	M	15.00
		1891	H	35.00				1870	M	16.66
			mh	25.00				1871	M	16.66

GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.					Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.					Ba- sis	Year	Grade	Prices
RENTS — Con.									RENTS — Con.								
Rent (6 Rooms)									Rent (6 Rooms)								
— Con.									— Con.								
United States—Con.									United States—Con.								
New Jersey, . . .	mo.	1872	M	\$16.66					Ohio, . . .	mo.	1870	H	\$15.00				
		1873	M	16.66								M	12.00				
		1874	L	20.00								ml	10.00				
			L	17.00							1871	L	8.00				
		1875	M	17.00								M	15.00				
		1876	M	15.00								M	12.00				
		1877	M	12.00								L	10.00				
		1878	M	12.00							1872	H	15.00				
		1879	M	10.00								M	12.00				
		1880	M	10.00								M	10.00				
New York, . . .	mo.	1851	M	8.00								L	9.00				
		1852	M	8.00							1873	H	15.00				
		1853	M	8.00								M	10.50				
		1854	M	8.00								ml	8.00				
		1855	M	8.00								L	6.00				
		1856	M	8.00							1874	H	15.00				
		1857	M	8.00								M	10.50				
		1858	M	8.00								ml	8.00				
		1859	M	8.00								L	6.00				
		1860	M	8.00							1875	H	15.00				
		1867	M	11.20								mh	12.00				
		1869	M	11.20								M	10.00				
Ohio, . . .	mo.	1874	M	10.58								ml	8.00				
		1851	H	8.00								L	6.00				
			L	5.00							1876	H	15.00				
		1852	H	8.00								mh	12.00				
			L	6.00								M	10.00				
		1853	H	8.00								L	6.00				
			L	6.00							1877	H	18.00				
		1854	H	9.00								mh	14.00				
			L	6.00								M	11.00				
		1855	H	9.00								ml	8.00				
			L	6.00							1878	L	5.00				
		1856	H	9.00								H	17.00				
			L	6.00								mh	13.00				
		1857	H	9.00								M	10.00				
			L	6.00								L	6.00				
		1858	H	9.00							1879	H	17.00				
			L	6.00								M	12.00				
		1859	H	9.00								ml	10.00				
			L	6.00								L	6.00				
		1860	H	9.00							1880	H	17.00				
			L	6.00								M	12.00				
		1861	H	9.00								ml	10.00				
			M	7.00								L	7.00				
			L	5.00							1883	H	18.75				
		1862	H	9.00								mh	15.00				
			L	6.00								M	11.00				
		1863	H	12.00								ml	8.00				
			M	9.00								L	4.50				
			L	6.00							Pennsylvania, . . .	mo.	1851	M	6.00		
		1864	H	25.00									1852	M	6.00		
			M	10.00									1853	M	6.00		
			L	6.00									1854	M	6.00		
		1865	H	25.00									1855	M	6.00		
			M	10.00									1860	M	3.42		
			L	8.00									1861	H	9.00		
		1866	H	25.00										L	3.42		
			M	10.00									1862	H	9.00		
			L	8.00										L	3.80		
		1867	H	20.00									1863	H	9.00		
			M	11.00										L	4.00		
			L	8.00									1864	H	12.00		
		1868	H	20.00										L	4.40		
			M	11.00									1865	H	15.00		
			L	8.00										L	4.40		
		1869	H	20.00									1866	H	18.00		
			M	12.00										L	4.40		
			L	8.00									1867	H	18.00		
														M	9.74		

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
RENTS — Con.					RENTS — Con.				
Rent (6 Rooms)					Rent (6 Rooms)				
— Con.					— Con.				
United States—Con.					United States—Con.				
Pennsylvania, . . .	mo.	1867	L	\$4.40	West Virginia, . . .	mo.	1856	M	\$6.00
		1868	H	18.00			1857	M	6.00
			L	4.40			1858	M	6.00
		1869	H	20.00			1859	M	6.00
			M	9.30			1860	M	6.00
			L	4.40			1861	M	6.00
		1870	H	20.00			1862	M	8.00
			L	4.40			1863	M	8.00
		1871	H	20.00			1864	M	8.00
			L	4.40			1865	M	8.00
		1872	H	20.00			1866	M	8.00
			L	4.40			1867	M	8.00
		1873	H	20.00			1868	M	7.00
			L	4.40			1869	M	6.00
		1874	H	18.00			1870	M	6.00
			M	12.70			1871	M	5.00
			L	4.40			1872	M	5.00
		1875	H	18.00			1873	M	6.00
			M	11.50			1874	M	6.00
			L	4.40			1875	M	6.00
		1876	H	18.00			1876	M	6.00
			M	15.00			1877	M	6.00
			ml	8.00			1878	M	6.00
			L	4.40			1879	M	6.00
		1877	H	16.00			1880	M	8.00
			M	8.00					
			L	4.40	Foreign Countries.				
		1878	H	16.00	England, . . . . .	mo.	1873	M	7.58
			mh	14.00			1878	H	10.40
			M	7.00				M	8.32
			L	4.40				L	6.00
		1879	H	17.00			1882	H	7.97½
			M	14.00				L	6.97½
			ml	7.00			1883	H	8.00
			L	4.40				L	5.76½
		1880	H	18.00			1889	H	10.40
			mh	15.00				L	4.94
			M	10.00	Italy, . . . . .	mo.	1878	M	8.33½
			ml	6.00	Scotland, . . . . .	mo.	1879	M	10.00
			L	3.00					
		1881	H	13.00					
			M	8.00					
			L	5.00					
		1882	H	12.00	Rent (7 Rooms).				
			M	8.50	United States.				
			ml	6.41	Iowa, . . . . .	mo.	1885	H	21.25
			L	4.00				mh	18.15
		1887	M	15.00				M	15.00
Rhode Island, . . .	mo.	1887	H	12.00				L	10.00
			M	8.00	Kansas, . . . . .	mo.	1886	H	20.00
			ml	6.30				L	16.00
			L	4.00			1890	H	20.00
		1888	H	20.00				mh	18.00
			mh	15.00				M	15.00
			M	11.00				L	8.00
			ml	7.60	Maine, . . . . .	mo.	1887	H	12.50
			L	3.50				L	7.50
		1889	H	12.00			1888	H	12.50
			M	6.75				mh	10.00
			L	3.33				M	8.33
Tennessee, . . . .	mo.	1870	M	25.00				L	3.50
		1871	M	25.00	Massachusetts, . . .	mo.	1851	M	10.00
		1879	M	25.00			1852	M	10.00
		1880	M	27.00			1853	M	10.00
West Virginia, . . .	mo.	1851	M	6.00			1854	M	10.00
		1852	M	6.00			1855	M	10.00
		1853	M	6.00			1856	M	10.00
		1854	M	6.00			1857	M	10.00
		1855	M	6.00			1858	M	10.00
							1859	M	10.00

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
<b>RENTS — Con.</b>					<b>RENTS — Con.</b>				
<b>Rent (7 Rooms)</b> — Con.					<b>Rent (8 Rooms)</b> — Con.				
<i>United States—Con.</i>					<i>United States—Con.</i>				
Massachusetts, . . .	mo.	1860	M	\$10.00	Massachusetts, . . .	mo.	1880	mh	\$20.00
		1861	M	10.00				M	16.00
		1862	M	10.00				ml	12.00
		1863	M	10.00				L	8.00
		1864	M	14.00			1885	H	25.00
		1865	M	14.00				mh	20.00
		1866	M	14.00				M	16.00
		1867	M	14.00				ml	12.00
		1868	M	20.00				L	8.00
		1869	M	20.00			1891	H	28.00
		1870	M	20.00				mh	23.00
		1871	M	20.00				M	17.00
		1872	M	20.00				ml	12.00
		1873	M	20.00				L	7.00
		1874	M	20.00	Minnesota, . . .	mo.	1890	H	32.00
		1875	M	20.00				mh	28.00
		1876	M	14.00				M	20.00
		1877	M	14.00				ml	14.00
		1878	M	14.00				L	8.00
		1879	M	12.00	Ohio, . . .	mo.	1877	H	30.00
		1880	H	30.00				M	14.00
			M	20.00				L	10.00
			L	12.00			1883	H	25.00
		1885	H	30.00				M	15.00
			L	20.00				ml	9.00
		1891	H	30.00				L	5.00
			M	18.00	Pennsylvania, . .	mo.	1880	H	11.50
			L	6.00				L	8.00
Minnesota, . . .	mo.	1890	H	28.00			1881	M	6.00
			mh	25.00			1882	M	7.00
			M	20.00			1887	H	14.50
			ml	15.00				M	12.00
			L	10.00				L	10.00
Ohio, . . .	mo.	1877	H	18.00	Rhode Island, . .	mo.	1888	H	25.00
			M	10.50				mh	20.00
			L	8.00				M	15.00
		1883	H	16.00				ml	11.00
			mh	14.00			1889	L	5.50
			M	11.00				M	11.00
			ml	8.00					
			L	5.00					
Pennsylvania, . .	mo.	1880	H	12.00	<b>Rent (10 Rooms).</b>				
			mh	9.33	<i>United States.</i>				
			M	6.25	Massachusetts, . .	mo.	1880	H	35.00
			ml	4.38				mh	30.00
			L	2.00				M	25.00
		1881	M	9.00				ml	16.00
		1882	H	11.00				L	10.00
			L	7.00			1885	H	35.00
		1887	H	14.00				mh	30.00
			L	9.50				M	25.00
Rhode Island, . .	mo.	1887	H	8.00				ml	15.00
			L	6.00				L	10.00
		1888	H	25.00			1891	H	35.00
			M	15.00				mh	28.00
			ml	10.00				M	22.00
			L	5.00				ml	15.00
		1889	M	3.88				L	8.00
								H	35.00
<b>Rent (8 Rooms).</b>					Minnesota, . . .	mo.	1890	M	25.00
<i>United States.</i>								L	20.00
Kansas, . . .	mo.	1886	M	18.00	Ohio, . . .	mo.	1883	M	12.50
Maine, . . .	mo.	1887	M	10.50	Pennsylvania, . .	mo.	1880	H	16.66
		1888	H	10.00				L	8.33
			M	8.00			1881	M	8.12
			L	6.00			1888	H	22.00
Massachusetts, . .	mo.	1880	H	25.00	Rhode Island, . .	mo.		L	9.00

ARTICLES, STATES, AND COUN- TRIES.					Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.					Ba- sis	Year	Grade	Prices																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Illinois, . . . .	head	1885	H	\$0.10					Italy, . . . .	head	1889	L	\$0.02																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											</



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
VEGETABLES (GREEN) — CON.					VEGETABLES (GREEN) — CON.				
Corn — Con.					Corn — Con.				
United States-Con.					United States-Con.				
Massachusetts, . . . bu.	1860	H	\$0.99	Michigan, . . . bu.	1858	L	\$0.58		
		L	0.80		1859	H	1.05		
	1825	H	0.75			L	0.76		
		L	0.42		1860	H	0.95		
	1826	H	0.83			L	0.64		
		L	0.62		1861	H	0.74		
	1827	H	0.75			L	0.48		
		L	0.54		1862	H	0.75		
	1828	H	0.62			L	0.50		
		L	0.46		1863	H	1.23		
	1829	H	0.64			L	0.68		
		L	0.48		1864	H	1.97		
	1830	H	0.65			L	1.25		
		L	0.48		1865	H	0.97		
	1831	H	0.75			L	0.70		
		L	0.54		1866	H	1.32		
	1832	H	0.87			L	0.80		
		L	0.50		1867	H	1.40		
	1833	H	0.86			L	1.00		
		L	0.65		1868	H	1.41		
	1834	H	0.75			L	1.01		
		L	0.53		1869	H	1.16		
	1835	H	1.12			L	0.75		
		L	0.70		1870	H	1.15		
	1836	H	1.12			L	0.76		
		L	0.83		1871	H	0.90		
	1837	H	1.15			L	0.65		
		L	1.00		1872	H	0.80		
	1838	H	1.00			L	0.61		
		L	0.76		1873	H	0.77		
	1839	H	0.98			L	0.60		
		L	0.75		1874	H	0.84		
	1840	H	0.63			L	0.53		
		L	0.46		1875	H	0.76		
	1841	H	0.81			L	0.49		
		L	0.47		1876	H	0.49		
	1842	H	0.68			L	0.38		
		L	0.54		1877	H	0.58		
	1843	H	0.60			L	0.41		
		L	0.48		1878	H	0.60		
	1844	H	0.64			L	0.45		
		L	0.43		1879	H	0.54		
	1845	H	0.35			L	0.44		
		L	0.45		1880	H	0.61		
	1846	H	0.80			L	0.48½		
		L	0.65		1881	H	0.76		
	1847	H	1.10			L	0.48		
		L	0.64		1882	H	1.09		
	1848	H	0.78			L	0.63		
		L	0.52		Missouri, . . . bu.	1889	M	0.55	
	1849	H	0.70		New Jersey, . . . bu.	1882	H	1.10	
		L	0.57			mh	0.95		
	1850	H	0.72			M	0.85		
		L	0.55			ml	0.75		
	1851	H	0.68			L	0.60		
		L	0.53		New York, . . . bu.	1882	H	1.20	
	1852	H	0.78			M	1.00		
		L	0.62			L	0.75		
	1853	H	0.82		Pennsylvania, . . . bu.	1882	H	0.91	
		L	0.64			L	0.85		
	1854	H	0.98		Foreign Countries.				
		L	0.76		Austria, . . . bu.	1881	M	0.50	
	1855	H	1.15			H	1.00		
		L	0.93		Canada, . . . bu.	1882	L	0.50	
	1856	H	0.94			M	0.96		
		L	0.48		France, . . . bu.	1867	M	0.96	
	1857	H	0.98			1868	M	0.96	
		L	0.71			1869	M	0.64	
	1858	H	1.03			1870	M	0.96	

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
VEGETABLES (GREEN) — Con. Corn — Con. Foreign Countries — Con.					VEGETABLES (GREEN) — Con. Onions — Con. United States—Con.				
France, . . .	bu.	1871	M	\$0.96	Massachusetts, . . .	bu.	1891	ml	\$1.92
		1872	M	0.80				L	0.96
		1873	M	0.96	Missouri, . . .	bu.	1889	H	1.00
		1874	M	0.96				mh	0.80
		1875	M	0.96				M	0.60
		1876	M	0.96				ml	0.50
		1877	M	0.96				L	0.40
		1878	M	0.96	New Jersey, . . .	bu.	1886	H	2.40
		1879	M	0.95				mh	2.00
		1880	M	0.96				M	1.60
		1881	M	0.96				ml	1.20
		1882	M	0.96				L	0.80
		1883	M	0.96	Ohio, . . .	bu.	1885	M	1.00
		1884	M	0.96	Wisconsin, . . .	bu.	1880	M	0.90
		1885	M	0.80			1881	M	1.00
		1886	M	0.64			1882	M	0.75
		1891	M	0.95			1883	M	0.40
Hawaiian Islands, . . .	bu.	1881	M	2.40			1884	M	0.35
Holland, . . .	bu.	1882	H	1.22	Foreign Countries.				
			L	0.86	Australia, . . .	bu.	1881	H	3.60
		1883	H	0.81				L	1.20
			L	0.70			1885	M	0.65
		1884	M	0.75	Bavaria, . . .	bu.	1883	H	2.17½
Portugal, . . .	bu.	1882	M	1.00				L	1.80
United States of					Canada, . . .	bu.	1887	M	1.00
Colombia, . . .	bu.	1883	M	1.60	Ecuador, . . .	bu.	1883	M	1.80
Venezuela, . . .	bu.	1881	H	1.10			1885	M	1.80
			L	1.04½	England, . . .	bu.	1883	H	1.80
		1883	M	0.40				L	1.20
West Indies, . . .	bu.	1881	M	1.37½	France, . . .	bu.	1891	M	0.65
Onions.					Germany, . . .	bu.	1882	M	1.35
United States.					Hawaiian Islands, . . .	bu.	1881	M	4.20
Connecticut, . . .	bu.	1860	H	1.00	Japan, . . .	bu.	1880	H	0.24
			L	0.87				L	0.12
		1887	M	1.00	Mexico, . . .	bu.	1883	M	4.20
Illinois, . . .	bu.	1884	H	1.50	New Zealand, . . .	bu.	1889	M	3.00
			mh	1.20	Prussia, . . .	bu.	1882	M	0.96
			M	0.90	United States of				
			ml	0.65	Colombia, . . .	bu.	1883	H	4.50
			L	0.40				L	3.00
Maine, . . .	bu.	1858	M	1.00	Venezuela, . . .	bu.	1881	H	7.68
		1868	M	2.64				L	6.24
		1878	M	1.50	Pease (GREEN).				
		1888	M	2.00	United States.				
Massachusetts, . . .	bu.	1841	M	0.63	Illinois, . . .	pk.	1885	H	0.20
		1843	M	0.64				L	0.15
		1845	M	0.52	Maryland, . . .	pk.	1885	H	0.25
		1848	H	0.88				L	0.20
			L	0.66	Massachusetts, . . .	pk.	1835	M	0.20
		1850	M	0.63			1841	M	0.48
		1855	H	1.00			1843	M	0.24
			L	0.75			1846	H	0.98
		1856	M	1.00				M	0.75
		1857	M	1.06				L	0.50
		1858	M	1.00			1847	M	0.63
		1859	M	0.95			1850	H	0.44
		1880	H	3.20				L	0.32
			M	2.56			1880	H	0.80
			ml	1.92				mh	0.65
			L	1.60				M	0.48
		1885	H	2.56				ml	0.30
			M	1.92				L	0.15
			L	1.60			1885	H	0.80
		1891	H	4.80				mh	0.64
			mh	3.84				M	0.48
			M	2.88				ml	0.30

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
VEGETABLES (GREEN) — Con. <b>Pease (GREEN)</b> — Con. <i>United States—Con.</i>					VEGETABLES (GREEN) — Con. <b>Potatoes—Con.</b> <i>United States—Con.</i>				
Massachusetts, . . .	pk.	1885	L	\$0.15	Connecticut, . . .	bu.	1863	M	\$0.60
		1891	H	1.25			1864	L	0.50
			mh	1.00				H	2.00
			M	0.75				M	1.50
			ml	0.48				L	0.90
			L	0.20			1865	H	2.00
Minnesota, . . .	pk.	1890	M	0.64				M	1.10
Missouri, . . .	pk.	1889	M	0.80				L	0.80
Wisconsin, . . .	pk.	1880	M	0.32			1866	H	2.00
		1861	M	0.32				M	0.90
		1882	M	0.32				L	0.60
		1883	M	0.32			1867	H	1.25
		1884	M	0.32				M	1.00
<i>Foreign Countries.</i>								ml	0.90
Australia, . . .	pk.	1881	H	1.80				L	0.70
			L	0.32			1868	H	1.75
Ecuador, . . .	pk.	1885	M	0.48				M	1.40
England, . . .	pk.	1878	H	0.80				L	1.00
			L	0.64			1869	H	1.25
		1882	H	0.25				M	1.00
			L	0.12				ml	0.67
		1883	H	0.30				L	0.50
			L	0.12			1870	H	1.80
		1885	H	0.30				M	1.00
			L	0.12				ml	0.60
France, . . .	pk.	1873	M	0.32			1871	H	1.00
		1874	M	0.40				M	0.84
		1875	M	0.40				L	0.60
		1876	M	0.32			1872	H	1.25
		1877	M	0.40				M	1.00
		1878	M	0.36				L	0.65
		1885	H	2.24			1873	H	1.25
			L	1.52				mh	1.00
Scotland, . . .	pk.	1878	M	0.74				M	0.90
								ml	0.80
<b>Potatoes.</b>								L	0.60
<i>United States.</i>							1874	H	1.50
California, . . .	bu.	1884	H	0.90				mh	1.25
			L	0.60				M	1.00
		1886	H	1.32½				ml	0.75
			L	0.92½			1875	L	0.55
		1888	M	0.68½				H	1.20
Colorado, . . .	bu.	1888	H	1.87½				mh	1.00
			mh	1.50				M	0.85
			M	1.12½				ml	0.67
			ml	0.80			1876	L	0.50
			L	0.43½				H	1.00
Connecticut, . . .	bu.	1851	M	0.50				mh	0.88
		1852	M	0.55				M	0.75
		1853	H	0.50			1877	L	0.45
			L	0.25				H	1.50
		1854	H	0.90				M	1.20
			L	0.75				ml	0.90
		1855	M	0.85				L	0.70
		1856	M	0.75			1878	H	1.00
		1857	M	0.60				L	0.75
		1858	M	0.75			1879	H	1.50
		1859	M	0.45				M	1.00
		1860	H	0.88				ml	0.75
			M	0.75				L	0.50
			L	0.50			1880	H	1.25
		1861	H	0.88				M	0.75
			L	0.40				L	0.65
		1862	H	0.80			1887	M	0.80
			L	0.50			1888	M	0.87½
		1863	H	0.88	Florida, . . .	bu.	1866	M	1.50
							1867	M	2.00
							1872	M	2.25

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
VEGETABLES (GREEN) — Con. Potatoes — Con.					VEGETABLES (GREEN) — Con. Potatoes — Con.				
United States—Con.					United States—Con.				
Florida, . . . .	bu.	1873	M	\$2.00	Indiana, . . . .	bu.	1864	M	\$0.75
		1874	M	3.00			1865	H	1.50
		1876	M	1.25				L	0.75
		1877	M	1.50			1866	H	1.50
		1878	M	1.00				L	1.00
		1879	M	1.50			1867	H	1.60
		1880	M	1.25				L	0.80
Illinois, . . . .	bu.	1881	M	0.75			1868	H	1.40
		1883	M	0.50				L	0.80
		1886	M	0.80			1869	H	1.00
		1887	M	0.25				L	0.85
		1888	M	0.25			1870	H	1.00
		1861	M	0.40				L	0.90
		1862	M	0.50			1871	H	1.50
		1863	M	1.00				L	0.80
		1864	M	1.00			1872	H	1.40
		1865	M	0.80				L	0.80
		1866	M	0.60			1873	H	1.00
		1867	H	0.60				L	0.75
			L	0.40			1874	H	1.30
		1868	H	1.20				L	0.75
			L	0.50			1875	H	1.35
		1869	H	1.00				L	0.75
			L	0.50			1876	H	1.25
		1870	H	0.90				L	0.60
			L	0.50			1877	H	1.50
		1871	H	1.25				M	0.80
			M	1.00				L	0.60
			L	0.60			1878	H	1.00
		1872	H	0.80				L	0.80
			L	0.50			1879	H	0.90
		1873	M	1.00				M	0.75
		1874	H	2.00				L	0.60
			L	0.50			1880	H	1.00
		1875	H	1.20				M	0.80
			L	0.50				L	0.60
		1876	H	0.50			1888	M	0.66½
			L	0.35	Iowa, . . . .	bu.	1861	M	0.20
		1877	H	1.75			1862	M	0.35
			L	0.50			1863	M	0.40
		1878	H	0.80			1864	M	0.40
			M	0.60			1865	M	0.40
			ml	0.50			1866	M	0.70
			L	0.30			1867	M	0.35
		1879	H	2.00			1868	M	0.50
			L	0.50			1869	M	0.40
		1880	H	0.80			1870	M	0.40
			M	0.50			1871	M	0.40
			L	0.40			1872	M	0.40
		1884	H	0.80			1873	M	0.40
			M	0.55			1874	M	0.50
			ml	0.40			1875	M	0.50
			L	0.25			1876	M	0.35
		1885	H	1.60			1877	M	0.70
			L	0.75			1878	M	0.50
		1888	M	0.50			1879	M	0.40
Indiana, . . . .	bu.	1881	M	0.50			1880	M	0.50
		1882	M	0.70			1884	M	0.75
		1883	M	0.75			1885	H	0.87½
		1884	M	0.70				mh	0.75
		1885	M	0.70				M	0.62½
		1886	M	0.70				L	0.20
		1887	M	0.75			1887	H	0.83
		1888	M	0.80				mh	0.69
		1889	M	0.80				M	0.54
		1890	M	0.80				ml	0.39
		1891	M	0.75				L	0.25
		1892	M	1.00			1888	M	0.50
		1893	M	1.20	Kansas, . . . .	bu.	1871	M	0.60

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
VEGETABLES (GREEN) — Con. Potatoes — Con. United States—Con.					VEGETABLES (GREEN) — Con. Potatoes — Con. United States—Con.				
Kansas, . . .	bu.	1872	M	\$0.60	Massachusetts, . . .	bu.	1845	H	\$0.50
		1873	M	0.60				M	0.37
		1874	M	0.65				ml	0.33
		1875	H	1.35				L	0.21
			L	0.58			1846	H	1.10
		1876	M	0.60				M	0.83½
		1877	M	0.60				ml	0.75
		1878	M	0.70				L	0.55
		1879	M	0.60			1847	H	1.56
		1880	H	0.75				M	0.90
			L	0.60				ml	0.68
		1882	M	1.25				L	0.50
		1884	M	0.75			1848	H	1.23
		1888	M	0.50				mh	1.03
Kentucky, . . .	bu.	1872	M	0.95				M	0.86
		1873	M	0.85				ml	0.72
		1874	M	2.00				L	0.54
		1875	M	1.00			1849	H	1.32
		1876	M	0.46				L	0.82
		1877	M	1.65			1850	H	1.52
		1880	M	0.40				mh	1.25
Maine, . . .	bu.	1858	M	0.50				M	1.00
		1868	H	1.25				ml	0.76
			L	0.90				L	0.50
		1878	H	0.70			1851	H	1.08
			L	0.50				M	0.80
		1887	H	1.15				L	0.67
			L	0.90			1852	H	1.60
		1888	H	1.00				L	0.57
			L	0.80			1853	H	0.67
		1889	H	0.80				L	0.40
			M	0.60			1854	H	2.00
			ml	0.50				M	1.44
			L	0.40				ml	1.12
Maryland, . . .	bu.	1882	M	2.40				L	0.75
		1885	H	1.20			1855	H	1.32
			L	1.00				mh	1.00
Massachusetts, . . .	bu.	1830	M	0.24				M	0.85
		1831	M	0.27				ml	0.68
		1832	H	0.39				L	0.47
			L	0.30			1856	H	0.80
		1833	H	0.40				M	0.45
			L	0.32				L	0.25
		1834	H	0.48			1857	H	1.56
			L	0.37				M	1.25
		1835	H	0.66				ml	0.99
			mh	0.56				L	0.75
			M	0.40			1858	H	1.54
			L	0.25				L	0.55
		1836	H	1.24			1859	H	1.00
			L	0.75				M	0.77
		1837	M	0.75				L	0.50
		1838	H	0.75			1860	H	1.08
			M	0.50				mh	0.97½
			L	0.30				M	0.86
		1839	H	0.75				ml	0.75
			L	0.50				L	0.68
		1840	H	0.60			1861	H	0.83
			L	0.33				L	0.50
		1841	H	0.50			1862	H	0.96½
			M	0.37				L	0.62
			L	0.25			1863	H	0.96
		1842	H	0.50				L	0.88
			L	0.30			1864	H	1.57½
		1843	H	0.75				L	1.25
			M	0.47			1865	H	1.20
			L	0.33				L	0.90
		1844	H	1.00			1866	M	1.25
			L	0.35			1867	H	1.23



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
VEGETABLES (GREEN) — Con. Potatoes — Con. United States—Con. Massachusetts, . . bu.					VEGETABLES (GREEN) — Con. Potatoes — Con. United States—Con. Missouri, . . . . bu.				
		1867	L	\$1.00		1857	L	\$0.60	
		1868	H	2.00		1858	H	0.75	
			M	1.76			M	0.60	
			L	1.33 $\frac{1}{2}$			L	0.50	
		1869	H	1.40		1859	H	1.20	
			L	1.00			L	0.75	
		1870	H	1.20		1860	M	0.75	
			M	1.04		1861	H	0.75	
			L	0.75			L	0.50	
		1871	H	1.44		1862	H	0.75	
			L	1.12			L	0.50	
		1872	H	1.04		1863	H	1.00	
			L	0.92			L	0.75	
		1873	H	1.48		1864	H	1.25	
			M	1.25			L	1.00	
			L	1.16		1865	H	1.90	
		1874	H	1.36			M	1.40	
			L	1.00			L	1.25	
		1875	H	1.26 $\frac{2}{3}$		1866	M	1.25	
			L	1.00		1867	H	2.00	
		1876	H	1.15			M	1.50	
			M	0.93 $\frac{1}{2}$			L	1.25	
			L	0.60		1868	H	1.50	
		1877	H	1.50			L	1.40	
			M	1.40		1869	H	1.40	
			L	1.32			M	1.29	
		1878	H	1.00			L	0.40	
			L	0.80		1870	H	1.10	
		1879	H	1.38			M	1.00	
			L	1.30			L	0.80	
		1880	H	1.25		1871	H	1.30	
			mh	1.14			M	1.00	
			M	0.90			L	0.80	
			ml	0.75		1872	H	1.40	
			L	0.60			M	1.00	
		1881	M	1.00			L	0.90	
		1885	H	1.20		1873	H	1.00	
			mh	1.00			L	0.90	
			M	0.90		1874	H	1.70	
			ml	0.75			L	1.00	
			L	0.60		1875	H	1.00	
		1888	M	0.50			L	0.90	
		1891	H	2.00		1876	H	0.80	
			mh	1.80			L	0.50	
			M	1.50		1877	H	1.60	
			ml	1.25			L	0.75	
			L	1.00		1878	H	1.00	
Michigan, . . . . bu.		1885	H	0.87			L	0.60	
			mh	0.67		1879	H	0.90	
			M	0.57			M	0.75	
			ml	0.40			L	0.60	
			L	0.25		1880	H	1.25	
		1886	H	1.00			M	1.00	
			M	0.75			L	0.50	
			L	0.50		1884	H	1.00	
		1888	M	0.75			mh	0.80	
Minnesota, . . . . bu.		1888	M	0.50			M	0.58	
Missouri, . . . . bu.		1851	M	0.70			ml	0.36	
		1852	H	0.60			L	0.17 $\frac{1}{2}$	
			L	0.30		1889	H	0.60	
		1853	H	0.50			mh	0.50	
			L	0.30			M	0.40	
		1854	H	1.00			L	0.20	
			L	0.25		Nebraska, . . . . bu.	1888	M	0.60
		1855	H	1.00			1851	M	0.75
			L	0.25			1852	M	1.00
		1856	H	1.20			1853	M	0.75
			L	0.25			1854	M	1.00
		1857	H	1.80			1855	M	1.50

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Bas- sis	Year	Grade	Prices
VEGETABLES (GREEN) — Con.					VEGETABLES (GREEN) — Con.				
Potatoes — Con.					Potatoes — Con.				
United States—Con.					United States—Con.				
New Jersey, . . .	bu.	1856	M	\$1.25	New York, . . .	bu.	1862	L	\$0.31
		1857	M	1.00			1863	H	0.60
		1858	M	1.10				M	0.40
		1859	M	1.00				L	0.25
		1860	M	1.10			1864	H	1.20
		1861	M	1.20				L	1.00
		1862	M	1.10			1865	H	1.00
		1863	M	1.12				L	0.40
		1864	M	1.50			1866	H	1.00
		1865	M	1.40				L	0.80
		1866	M	1.50			1867	H	1.03
		1867	H	1.32				M	0.90
			L	1.00				L	0.80
		1868	M	1.25			1868	H	1.00
		1869	H	1.50				L	0.80
			L	1.23			1869	H	0.80
		1870	M	1.25				L	0.60
		1871	M	1.50			1870	H	0.80
		1872	M	1.25				M	0.70
		1873	M	1.25				L	0.50
		1874	M	1.00			1871	H	1.00
		1875	M	1.25				L	0.90
		1876	M	1.25			1872	H	1.00
		1877	M	1.00				L	0.40
		1878	M	1.25			1873	H	1.50
		1879	M	1.00				M	1.00
		1880	M	1.25				L	0.85
		1882	H	1.40			1874	H	1.25
			mh	1.20				M	1.00
			M	1.00				L	0.77
			L	0.50			1875	H	1.00
		1884	M	1.25				mh	0.80
		1885	M	1.25				M	0.70
		1886	H	1.00				L	0.40
			mh	0.90			1876	H	0.64
			M	0.75				M	0.50
			ml	0.65				L	0.35
			L	0.50			1877	H	1.30
New York, . . .	bu.	1851	H	0.60				mh	1.20
			M	0.50				M	1.00
			L	0.40				L	0.50
		1852	H	0.60			1878	H	1.60
			L	0.50				mh	1.40
		1853	H	0.60				M	1.12
			M	0.50				ml	0.60
			L	0.30				L	0.30
		1854	H	1.00			1879	H	1.60
			M	0.60				mh	1.40
			L	0.50				M	1.12
		1855	H	1.00				ml	0.90
			M	0.75				L	0.65
			ml	0.60			1880	H	0.90
			L	0.40				mh	0.80
		1856	H	0.75				M	0.60
			M	0.60				L	0.35
			L	0.50			1882	H	1.50
		1857	H	1.00				mh	1.25
			M	0.75				M	1.00
			L	0.50				ml	0.80
		1858	H	0.75				L	0.50
			L	0.50			1884	H	1.60
		1859	H	0.75				L	1.12
			L	0.50			1851	H	0.50
		1860	H	0.75	Ohio, . . .	bu.		M	0.40
			M	0.60				L	0.20
			L	0.50			1852	H	0.50
		1861	M	0.63				M	0.35
		1862	H	0.60				L	0.20
			M	0.50			1853	H	0.55

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
VEGETABLES (GREEN) — Con.					VEGETABLES (GREEN) — Con.				
Potatoes — Con.					Potatoes — Con.				
United States—Con.					United States—Con.				
Ohio, . . . . bu.		1853	L	\$0.25	Ohio, . . . . bu.		1874	L	\$0.50
		1854	H	0.50			1875	H	1.20
			M	0.30				M	0.75
			L	0.25				ml	0.60
		1855	H	0.60				L	0.40
			M	0.37½			1876	H	0.80
			L	0.25				M	0.60
		1856	H	0.50				L	0.45
			L	0.30			1877	H	1.50
		1857	H	0.55				mh	1.25
			L	0.25				M	0.85
		1858	H	1.00				ml	0.60
			M	0.60				L	0.30
			ml	0.50			1878	H	1.00
			L	0.30				mh	0.80
		1859	H	1.10				M	0.60
			L	0.65				ml	0.40
		1860	H	0.60				L	0.25
			M	0.40			1879	H	1.00
			L	0.30				M	0.60
		1861	H	0.50				ml	0.40
			M	0.40				L	0.25
			ml	0.31			1880	H	1.00
			L	0.25				mh	0.80
		1862	H	0.60				M	0.70
			M	0.50				ml	0.60
			L	0.40				L	0.40
		1863	H	0.60			1881	H	1.10
			L	0.50				L	0.80
		1864	H	1.50			1882	H	2.00
			M	1.40				M	1.30
			L	0.75				L	1.15
		1865	H	1.00			1885	M	0.70
			M	0.80			1887	H	1.20
			L	0.60				mh	1.10
		1866	H	1.50				M	0.95
			L	1.00				ml	0.80
		1867	H	1.50				L	0.70
			M	1.00			1888	M	0.83½
			L	0.80	Pennsylvania, . . . bu.		1851	H	1.00
		1868	H	1.70				L	0.35
			mh	1.50			1852	H	1.25
			M	1.00				L	0.35
			L	0.80			1853	M	0.40
		1869	H	1.00			1854	H	1.90
			M	0.75				L	0.35
			L	0.50			1855	H	1.75
		1870	H	1.00				L	0.35
			M	0.65			1856	H	0.65
			ml	0.40				L	0.35
			L	0.25			1857	H	1.37
		1871	H	1.50				L	0.35
			mh	1.20			1858	H	1.00
			M	1.00				L	0.35
			ml	0.70			1859	H	0.88
			L	0.60				L	0.35
		1872	H	1.20			1860	H	0.85
			mh	1.00				L	0.35
			M	0.85			1861	H	0.85
			ml	0.70				L	0.35
			L	0.50				L	0.35
		1873	H	1.20			1862	H	1.20
			mh	1.00				M	0.60
			M	0.85				L	0.40
			mh	0.65			1863	H	1.25
			L	0.50				M	0.75
		1874	H	1.60				L	0.50
			M	1.00			1864	H	1.40
			ml	0.80				L	0.75

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
VEGETABLES (GREEN) — Con.					VEGETABLES (GREEN) — Con.				
Potatoes — Con.					Potatoes — Con.				
United States—Con.					United States—Con.				
Pennsylvania, . . . bu.		1865	H	\$2.00	Tennessee, . . . bu.		1867	M	\$1.00
			M	0.90			1868	M	1.00
			L	0.50			1869	M	1.40
		1866	H	2.00			1870	M	0.50
			L	1.00			1871	M	0.80
		1867	H	1.50			1872	M	0.80
			M	1.00			1873	M	0.80
			L	0.50			1874	H	1.00
		1868	H	1.50				L	0.80
			L	1.00			1875	M	0.80
		1869	H	1.25			1876	M	1.00
			M	0.90			1877	H	1.50
			L	0.50				L	1.00
		1870	H	1.25			1878	H	1.00
			L	0.90				L	0.60
		1871	H	1.40			1879	H	1.00
			M	1.10				L	0.60
			L	0.50			1880	H	1.00
		1872	H	1.25				L	0.75
			L	1.00	West Virginia, . . bu.		1851	M	0.35
		1873	H	1.15			1852	M	0.35
			M	0.90			1853	M	0.35
			L	0.50			1854	M	0.35
		1874	M	1.00			1855	M	0.35
		1875	H	1.25			1856	M	0.35
			M	1.00			1857	M	0.35
			L	0.45			1858	M	0.35
		1876	H	1.25			1859	M	0.35
			M	1.00			1860	M	0.35
			L	0.35			1861	M	0.50
		1877	H	1.00			1862	M	0.75
			M	0.75			1863	M	0.75
			L	0.50			1864	M	0.75
		1878	H	1.25			1865	M	0.75
			M	1.00			1866	M	0.75
			ml	0.70			1867	M	0.60
			L	0.40			1868	M	0.60
		1879	H	1.25			1869	M	0.60
			M	0.75			1870	M	0.50
			ml	0.60			1871	M	0.60
			L	0.50			1872	M	0.60
		1880	H	1.00			1873	M	0.60
			M	0.75			1874	M	0.60
			ml	0.60			1875	M	0.50
			L	0.50			1876	M	0.50
		1882	H	2.08			1877	M	0.50
			M	1.20			1878	M	0.60
			ml	0.75			1879	M	0.75
			L	0.55			1880	M	0.75
		1884	H	0.80	Wisconsin, . . . bu.		1880	M	1.00
			mh	0.70			1881	M	2.00
			M	0.55			1882	M	0.90
			ml	0.40			1883	M	0.50
			L	0.30			1884	M	0.40
		1885	H	1.00			1888	M	1.00
			mh	0.85	Foreign Countries.				
			M	0.70	Alsace-Lorraine, . . bu.		1882	M	0.25½
			ml	0.50	Australia, . . . bu.		1836	M	1.25
			L	0.35			1842	M	2.00
		1888	M	1.00			1843	M	1.00
Rhode Island, . . . bu.		1848	M	0.75			1844	M	0.50
Tennessee, . . . bu.		1851	M	0.40			1845	M	0.50
		1855	M	0.60			1846	M	0.75
		1856	M	0.75			1847	M	0.66
		1857	M	1.00			1848	M	0.72
		1863	M	1.50			1849	M	0.74½
		1864	M	1.75			1850	M	0.84
		1865	M	1.75			1851	M	0.72
		1866	M	1.50					

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
VEGETABLES (GREEN) — Con.					VEGETABLES (GREEN) — Con.				
Potatoes — Con.					Potatoes — Con.				
Foreign Countries — Con.					Foreign Countries — Con.				
Australia, . . . bu.	1852	M		\$0.72	Denmark, . . . bu.	1878	M		\$1.25
	1853	M		1.56	Ecuador, . . . bu.	1883	M		1.00
	1854	M		2.22		1885	H		0.25
	1855	M		2.56			L		0.13
	1856	M		1.20	England, . . . bu.	1873	M		1.00
	1857	M		1.74		1878	H		2.50
	1858	M		1.86			mh		2.00
	1859	M		0.96			M		1.50
	1860	M		0.90			ml		1.00
	1861	M		0.87			L		0.50
	1862	M		0.96		1879	H		2.00
	1863	M		0.84			L		1.12
	1864	M		0.60		1880	H		1.25
	1865	M		0.96			L		0.75
	1866	M		0.72		1881	M		0.50
	1867	M		0.84		1882	H		2.50
	1868	M		1.08			M		1.00
	1869	M		0.48			ml		0.50
	1870	M		0.60			L		0.25
	1871	M		0.48		1883	H		2.50
	1872	M		0.60			M		1.28
	1873	M		0.42			ml		0.75
	1874	M		0.57			L		0.50
	1875	M		0.66		1884	H		2.00
	1876	M		0.57			M		1.12
	1877	M		0.57			L		0.40
	1878	M		0.70		1885	H		0.56
	1879	M		0.72			M		0.48
	1880	M		0.51			L		0.40
	1881	H		1.00	France, . . . bu.	1867	M		0.25
		L		0.48		1868	M		0.25
	1882	M		0.66		1869	M		0.20
	1883	M		0.60		1870	M		0.25
	1884	M		0.60		1871	M		0.25
	1885	H		0.72		1872	M		0.25
		M		0.52		1873	H		0.40
		L		0.32			L		0.25
	1886	M		0.81		1874	M		0.25
	1887	M		0.66		1875	H		0.25
	1888	M		0.84			L		0.21
Austria, . . . bu.	1875	M		0.50		1876	H		0.53
	1884	H		1.00			L		0.25
		L		0.50		1877	H		0.40
	1885	H		1.00			L		0.25
		L		0.50		1878	H		1.00
Baden, . . . bu.	1882	H		0.33½			mh		0.75
		M		0.29			M		0.60
		L		0.21½			ml		0.40
Bavaria, . . . bu.	1878	M		0.75			L		0.35
	1882	H		0.35½		1879	H		0.50
		M		0.26½			L		0.25
		L		0.24		1880	H		0.35
	1883	H		0.90			L		0.25
		L		0.85		1881	M		0.25
Belgium, . . . bu.	1878	H		1.00		1882	H		2.50
		L		0.50			M		1.50
	1879	M		0.56			L		0.25
	1882	M		0.50		1883	M		0.25
	1884	H		1.50		1884	H		1.00
		L		0.50			M		0.50
	1885	M		0.50			L		0.25
Bohemia, . . . bu.	1885	M		0.25		1885	H		5.00
Brazil, . . . bu.	1882	H		2.00			M		3.00
		L		1.50			ml		1.00
Canada, . . . bu.	1882	H		1.00			L		0.25
		M		0.85		1886	M		0.25
		L		0.70		1889	H		5.50
	1887	M		0.50			M		1.00



## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis.	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis.	Year	Grade	Prices
VEGETABLES (GREEN) — Con.					VEGETABLES (GREEN) — Con.				
Potatoes — Con.					Potatoes — Con.				
Foreign Countries — Con.					Foreign Countries — Con.				
France, . . . . .	bu.	1889	L	\$0.50	Italy, . . . . .	bu.	1878	L	\$0.37 $\frac{1}{2}$
		1891	H	0.88			1879	M	1.15
			L	0.68			1882	M	1.50
Germany, . . . . .	bu.	1865	M	0.32			1884	H	1.25
		1866	M	0.35 $\frac{1}{2}$				L	1.00
		1867	M	0.48			1885	H	1.50
		1868	M	0.44				L	1.00
		1869	M	0.36 $\frac{1}{2}$			1889	H	0.97
		1870	M	0.45 $\frac{1}{2}$				mh	0.87 $\frac{1}{2}$
		1871	M	0.50				M	0.75
		1872	M	0.45				L	0.50
		1873	M	0.47 $\frac{1}{2}$	Japan, . . . . .	bu.	1880	H	0.20
		1874	M	0.47 $\frac{1}{2}$				L	0.10
		1875	M	0.47 $\frac{1}{2}$	Mexico, . . . . .	bu.	1881	H	4.00
		1876	H	0.60				L	3.00
			L	0.38 $\frac{1}{2}$			1883	M	4.00
		1877	H	0.55	New Zealand, . . . . .	bu.	1889	H	0.79
			L	0.41 $\frac{1}{2}$				L	0.50
		1878	H	1.00	Portugal, . . . . .	bu.	1878	M	0.62 $\frac{1}{2}$
			mh	0.85			1882	M	1.25
			M	0.62 $\frac{1}{2}$	Prussia, . . . . .	bu.	1878	H	1.75
			ml	0.48 $\frac{1}{2}$				M	0.75
			L	0.33 $\frac{1}{2}$				ml	0.50
		1879	M	0.54				L	0.10
		1880	H	0.68 $\frac{1}{2}$			1880	H	0.60
			mh	0.60				mh	0.53 $\frac{1}{2}$
			M	0.50 $\frac{1}{2}$				M	0.41 $\frac{1}{2}$
			ml	0.41 $\frac{1}{2}$				ml	0.33 $\frac{1}{2}$
			L	0.29 $\frac{1}{2}$				L	0.23 $\frac{1}{2}$
		1881	M	0.43 $\frac{1}{2}$			1881	M	0.33 $\frac{1}{2}$
		1882	H	0.50			1882	H	0.72
			M	0.35 $\frac{3}{4}$				mh	0.62 $\frac{1}{2}$
			ml	0.24 $\frac{1}{2}$				M	0.43
			L	0.12				ml	0.26 $\frac{1}{2}$
		1883	H	1.00				L	0.10
			L	0.48 $\frac{1}{2}$			1884	M	0.50
		1884	M	0.31 $\frac{1}{2}$			1885	H	0.50
		1885	H	1.00				L	0.32 $\frac{1}{2}$
			M	0.50	Russia, . . . . .	bu.	1878	H	2.00
			L	0.40				L	1.50
		1886	M	0.28	Saxony, . . . . .	bu.	1878	M	0.48
		1887	H	0.50			1882	H	0.38 $\frac{1}{2}$
			L	0.36				L	0.29 $\frac{1}{2}$
		1888	M	0.50	Scotland, . . . . .	bu.	1878	H	1.00
		1889	H	0.50				L	0.66 $\frac{3}{4}$
			M	0.37 $\frac{1}{2}$			1879	H	0.95
			L	0.21 $\frac{1}{2}$				L	0.57
Gulana, . . . . .	bu.	1889	H	2.00			1883	M	0.50
			L	1.50			1884	H	0.95
Hawaiian Islands, . . . . .	bu.	1881	M	1.00				L	0.50
Hesse, . . . . .	bu.	1882	M	0.26 $\frac{1}{2}$	Sicily, . . . . .	bu.	1878	H	0.50
		1887	M	0.25				L	0.37 $\frac{1}{2}$
		1888	M	0.25			1889	H	0.90
Holland, . . . . .	bu.	1882	H	0.80				L	0.50
			L	0.60	Spain, . . . . .	bu.	1878	H	1.10
		1884	M	0.50				L	0.75
		1885	M	0.50			1879	M	1.10
Ireland, . . . . .	bu.	1878	H	1.00			1884	M	1.10
			M	0.85 $\frac{1}{2}$	Switzerland, . . . . .	bu.	1878	M	0.60
			ml	0.68			1879	M	0.60
			L	0.50			1882	H	0.75
		1879	M	0.68				L	0.60
		1884	M	0.68			1885	M	4.00
Italy, . . . . .	bu.	1878	H	2.00	United States of Colombia, . . . . .	bu.	1883	H	7.50
			mh	1.50				M	3.50
			M	1.20				L	2.50
			ml	0.75					

## GRADED PRICES — Continued.

ARTICLES, STATES, AND COUN- TRIES.				Bas- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.				Bas- sis	Year	Grade	Prices				
VEGETABLES (GREEN) — Con.								VEGETABLES (GREEN) — Con.											
Potatoes — Con.								Potatoes (SWEET) — Con.											
Foreign Countries — Con.								Foreign Countries — Con.											
Venezuela, . . .	bu.	1881	H	\$4.80	Hawaiian Islands, .	bu.	1881	M	\$2.00										
			L	2.30	Japan, . . . . .	bu.	1880	H	0.12½										
		1883	H	3.00				L	0.06										
			L	2.50	Mexico, . . . . .	bu.	1882	M	1.50										
Wales, . . . . .	bu.	1878	M	1.00				M	1.50										
West Indies, . .	bu.	1881	H	4.00	Portugal, . . . .	bu.	1882	M	0.75										
			L	3.50	United States of														
			M	3.25	Colombia, . . . .	bu.	1883	M	5.00										
Wurtemberg, . .	bu.	1878	M	0.62½															
		1882	H	0.59½															
			M	0.38															
			ml	0.29½															
			L	0.23½															
Potatoes (SWEET).								Tomatoes.											
United States.								United States.											
Maine, . . . . .	bu.	1858	H	1.75	Illinois, . . . . .	pk.	1885	H	0.20										
			L	1.25				L	0.10										
		1868	H	5.00	Maryland, . . . .	pk.	1885	H	0.20										
			L	2.75				L	0.15										
		1878	H	2.00	Massachusetts, . .	pk.	1885	H	0.35										
			L	1.50				L	0.25										
		1888	H	2.50	Missouri, . . . .	pk.	1889	M	0.12½										
			L	1.50															
		1840	M	1.15	Foreign Countries.														
		1841	M	1.60	England, . . . . .	pk.	1883	H	3.75										
		1842	M	1.00				L	1.80										
		1843	M	1.25	Italy, . . . . .	pk.	1889	H	0.30										
		1845	H	1.50				L	0.07½										
			M	1.28	Mexico, . . . . .	pk.	1882	M	0.37½										
			L	0.88				M	0.37½										
		1846	M	1.00	Turnips.														
		1847	H	4.00	United States.														
			L	1.00	Connecticut, . . .	bu.	1860	H	0.62										
		1848	H	1.50				L	0.37										
			L	1.32				H	0.80										
		1849	M	1.50				L	0.50										
		1850	H	1.45	Illinois, . . . . .	bu.	1885	H	1.40										
			L	1.32				L	1.00										
		1854	M	2.56	Maryland, . . . .	bu.	1885	H	1.20										
		1855	M	1.00				L	0.80										
		1857	M	1.50	Massachusetts, . .	bu.	1831	M	0.25										
		1858	M	1.50				M	0.20										
		1880	H	2.50				M	0.33										
			mh	2.00				H	0.33										
			M	1.75				L	0.12½										
			ml	1.50				M	0.42										
			L	1.25				M	0.49										
		1885	H	2.50				M	0.25										
			mh	2.00				M	0.33										
			M	1.75				1880	H	1.92									
			ml	1.50					mh	1.60									
			L	1.25					M	1.28									
		1891	H	6.48					L	0.60									
			M	3.78					1885	H	1.92								
			ml	2.43						mh	1.60								
			L	1.08						M	1.28								
New Jersey, . .	bu.	1886	H	1.50						ml	0.96								
			mh	1.20						L	0.60								
			M	0.90						1891	H	1.92							
			ml	0.60							mh	1.60							
			L	0.25							ml	0.96							
Foreign Countries.								Missouri, . . . .											
Guiana, . . . .	bu.	1889	H	1.25															
			L	1.00															

## GRADED PRICES — Concluded.

ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices	ARTICLES, STATES, AND COUN- TRIES.	Ba- sis	Year	Grade	Prices
VEGETABLES (GREEN) — Con. <b>Turnips</b> — Con. <i>United States</i> —Con.					VEGETABLES (GREEN) — Con. <b>Turnips</b> — Con. <i>Foreign Countries</i> — Con.				
Missouri, . . . . bu.		1884	M	\$0.40	England, . . . . bu.		1883	H	\$1.60
			ml	0.25				M	1.20
			L	0.10			1885	L	0.80
		1889	M	0.35				H	1.20
								L	0.80
<i>Foreign Countries.</i>					France, . . . . bu.		1888	M	1.20
Bavaria, . . . . bu.		1883	H	0.56			1891	M	0.35
			L	0.40	Germany, . . . . bu.		1878	M	0.64
Canada, . . . . bu.		1882	H	0.40			1885	M	1.40
			L	0.25	Japan, . . . . bu.		1880	H	0.08
		1887	M	0.40				L	0.04

## ANALYSIS.

In the introduction to this Part, pages 251–264, we have referred to the presentation of Graded Weekly Wages in the reports of the Bureau for the years 1895, 1896, 1897, and 1898. Before proceeding to analyze the statistics of Graded Prices we introduce a condensed recapitulation based upon data contained in the reports referred to, in order that the reader may have before him a summary of Graded Wages, in form convenient for ready reference and for comparison with a similar recapitulation covering Graded Prices.

In this recapitulation the following arrangement is observed : The grades of weekly wages, high, medium high, medium, medium low, and low, are presented for the various branches of occupation, classified under the proper industry heads, instead of arranged alphabetically as originally given in the annual reports containing Graded Wages. These industry heads conform to the Census classification employed in the Decennial Census Reports, and are to be observed in future work by the Bureau. This arrangement will therefore facilitate comparisons with other statistical presentations relating to the industries, either in the Census or in subsequent reports.

The graded figures presented in the recapitulation differ from those given in the alphabetical recapitulations contained

in the reports 1895-1898, for the reason that in preparing the latter the wage quotations for Massachusetts, Other States, and Foreign Countries were each graded independently, resulting in three sets of figures comparable on the basis of locality. In the recapitulation which follows, on the other hand, the entire range of quotations without discrimination as to State or country, for the entire series of years for which quotations were available, namely, 1810-1891, was taken into account, the highest quotation appearing anywhere during the entire time being graded as High, and the lowest quotation as Low. By combining the specified high and low figures thus obtained and dividing by two, we secure a mathematical medium. The wage quotation which corresponded to this medium (or the nearest to it), wherever or whenever appearing, is graded as Medium. The Medium High and Medium Low figures were obtained in like manner; the former by combining the High and Medium figures, and the latter by combining those graded as Low and Medium. Finally, in connection with the figures, each State or country is noted, wherein such wage or the quotation approximating such wage appeared, and the year or years in which it appeared are also given. Thus, to take the first line of the table, relating to Watchmen, classed under the head of Personal Service, the High wage is \$21.90, this being the highest weekly wage quotation appearing under any State or country from 1810 to 1891, and found in Massachusetts in 1885. At the other extremity of the scale we find \$1.44, the lowest quotation appearing under any State or country from 1810 to 1891, found in Moravia in 1885. From the combination of the High and Low figures in manner explained, the Medium figure \$11.67 results, and this weekly wage is found or approximated in Michigan, 1891, and in New York, 1872, 1879, and 1880. From the combination of the Medium and the High figures we obtain a Medium High, \$16.72, found or approximated in California, 1886; and from the combination of the Medium and Low figures we obtain a Medium Low, \$6.49, found or approximated in New Hampshire in 1862.

To sum up in other words, we find that out of the wide range of quotations of weekly wages of Watchmen in Massachusetts, Other States, and Foreign Countries, covering the

years from 1810 to 1891, the highest figure, \$21.90, appears in Massachusetts in 1885; the lowest, \$1.44, in Moravia also in 1885; the medium figure, \$11.67, is found or approximated in Michigan in 1891 and in New York in 1872, 1879, and 1880; the medium high, \$16.72, in California in 1886, and the medium low, \$6.49, in New Hampshire in 1862.

In some cases in the table, in connection with the specification of years in which a given wage appears in a State or country, two dates are named, separated by a dash. In every case this means that the specified wage is found or approximated closely, in the years named and also in each of the intervening years, the dash being used merely for the purpose of condensing the presentation.

These explanatory remarks will show fully the character of the recapitulation, which is now introduced.



## BRANCHES OF EMPLOYMENT. RECAPITULATION.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Personal Service.</b>					
Watchmen, . . . .	\$21.90 Mass. 1885.	\$16.50 Cal. 1886.	\$11.54 Mich. 1891. N. Y. 1872, 1879, 1880.	\$6.50 N. H. 1862.	\$1.44 <i>Moravia</i> 1885.
<b>Transportation.</b>					
Teamsters, . . . .	\$42.00 Ohio 1869- 1877.	\$30.00 Mo. 1865. Ohio 1878- 1880. Pa. 1870, 1871.	\$21.90 Conn. 1887.	\$11.50 Mass. 1885.	\$1.00 <i>Ger.</i> 1885.
<b>Manufactures.</b>					
<b>AGRICULTURAL IMPLE- MENTS.</b>					
Foremen, . . . .	\$40.00 Ohio 1886.	\$31.25 Mass. 1883.	\$21.60 Ill. 1876- 1880.	\$13.50 Ind. 1886. Me. 1886. Mass. 1864. N. Y. 1886. Ohio 1880. Pa. 1878.	\$4.50 N. Y. 1888.
Molders, . . . .	\$26.90 Ohio 1883.	\$22.00 Ohio 1883.	\$17.10 Mass. 1883.	\$12.00 Ill. 1882, 1883. Ind. 1886. Ky. 1886. Mass. 1880, 1883, 1891. Ohio 1863, 1875-1878, 1884, 1885. Pa. 1873, 1878.	\$6.90 Ind. 1886.
<b>ARMS AND AMMUNI- TION.</b>					
Gunsmiths, . . . .	\$30.00 N. Y. 1888.	\$24.00 Cal. 1885.	\$16.20 Mass. 1885.	\$9.00 N. J. 1879. N. Y. 1888. N. C. 1888.	\$2.25 <i>Ger.</i> 1878.
<b>ARTISANS' TOOLS.</b>					
Foremen, . . . .	\$38.46 Mass. 1869- 1877.	\$30.00 Pa. 1877.	\$24.00 Mass. 1885.	\$17.31 Conn. 1862- 1880.	\$9.75 N. H. 1854.
Grinders, . . . .	\$35.00 N. H. 1861, 1862. '	\$26.40 <i>Eng.</i> 1829.	\$20.00 Mass. 1891. Ohio 1875, 1876, 1880.	\$11.64 Mo. 1890.	\$3.41 <i>G. B.</i> 1883.
Hardeners (edge tools),	\$16.00 Pa. 1887.	\$13.02 N. Y. 1888.	\$10.50 Mass. 1891.	\$7.30 <i>Eng.</i> 1878, 1879.	\$4.08 <i>Eng.</i> 1840.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>ARTISANS' TOOLS—Con.</b>					
Packers, . . . .	\$19.50 Mass. 1869- 1875, 1879, 1880.	\$15.00 Mass. 1869- 1875, 1879, 1880, 1883.	\$12.00 Conn. 1864- 1880. Mass. 1876- 1878, 1891. N. J. 1885. N. Y. 1888.	\$7.50 Conn. 1850- 1855. Mass. 1857- 1867.	\$3.00 N. J. 1883.
Saw makers, . . .	\$36.00 Cal. 1885, 1888.	\$24.00 Mass. 1891. Ohio 1887. Pa. 1888.	\$19.50 N. Y. 1888. Pa. 1882, 1887.	\$10.50 Mich. 1884. Ohio 1887.	\$2.16. Eng. 1866, 1868.
Tool makers, . . .	\$36.00 Mass. 1891.	\$27.00 Conn. 1874. Mass. 1885, 1891.	\$19.50 Conn. 1874. Ill. 1886.	\$11.25 Ill. 1882.	\$3.00 N. J. 1884.
<b>AWNINGS, SAILS, TENTS, ETC.</b>					
Sail makers, . . .	\$30.00 Cal. 1884.	\$24.00 Cal. 1884- 1886, 1888.	\$16.50 Me. 1882, 1888. N. Y. 1888.	\$9.00 Mich. 1883. Ohio 1887.	\$1.98 Den. 1873.
<b>BOOTS AND SHOES.</b>					
Boot and shoe makers:					
Cutters, . . . .	\$27.00 Ohio 1887.	\$21.00 Cal. 1888. Ind. 1870- 1873. Mass. 1883. Ohio 1887.	\$14.50 Mass. 1873.	\$3.40 Mass. 1885. Pa. 1876. Eng. 1883.	\$1.92 Eng. 1880, 1883.
Edge setters, . .	\$35.00 N. Y. 1888.	\$28.00 N. Y. 1888.	\$21.00 Mass. 1873. N. J. 1888.	\$14.00 Me. 1874, 1875. Mass. 1875, 1876. N. J. 1882, 1884, 1885.	\$7.00 Mass. 1885. N. J. 1885.
Finishers, . . . .	\$30.00 Mass. 1885. N. Y. 1888.	\$23.02 Pa. 1888.	\$16.50 Ind. 1872, 1873. Me. 1869, 1870. Mass. 1885, 1886.	\$9.50 N. J. 1882.	\$2.88 Eng. 1880.
Foremen, . . . .	\$45.00 Ohio 1886.	\$35.00 Mass. 1885.	\$25.00 Ind. 1875. Ohio 1880, 1884, 1886.	\$16.00 Mass. 1885, 1891. N. Y. 1865.	\$6.72 Eng. 1883.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>BOOTS AND SHOES—Con.</b>					
Boot and shoe makers — Con.					
Heelers, . . .	\$30.00 Mass. 1883, 1885.	\$24.00 Ill. 1882, 1883. Mass. 1883, 1885. N. J. 1886.	\$16.00 N. J. 1883, 1885, 1886. N. Y. 1888.	\$9.00 Cal. 1886. Md. 1886. N. Y. 1886.	\$1.80 Eng. 1883.
Lasters, . . .	\$30.00 N. Y. 1888.	\$25.00 Mass. 1883, 1885. N. J. 1884. N. Y. 1888.	\$16.80 Mass. 1886.	\$10.02 Md. 1886.	\$3.30 Ohio 1887.
Nailers, . . .	\$25.00 Mass. 1885.	\$20.00 Mass. 1885.	\$15.00 Mass. 1885, 1886, 1891.	\$9.60 Me. 1873- 1875.	\$3.66 Mass. 1886.
Packers, . . .	\$20.00 Mass. 1885.	\$16.00 Mass. 1885.	\$12.00 Ill. 1875- 1880. Ind. 1871- 1873. Mass. 1863, 1864, 1874, 1875, 1880, 1883, 1885, 1886, 1891. N. J. 1886. Pa. 1888.	\$8.00 Mass. 1885. N. J. 1884, 1886. N. Y. 1888.	\$4.00 N. J. 1886.
Stitchers, . . .	\$30.00 Mass. 1885.	\$24.00 Mass. 1885.	\$16.00 N. J. 1884.	\$9.00 Cal. 1886. Md. 1886. N. H. 1886. N. J. 1882, 1883, 1885, 1886.	\$1.80 It. 1878.
<b>Boot makers:</b>					
Bottomers, . . .	\$30.00 Mass. 1891.	\$22.00 Mass. 1891.	\$16.00 N. J. 1884. N. Y. 1872, 1873.	\$9.00 Me. 1857. Md. 1884, 1886. Mass. 1885. Ohio 1866- 1880, 1885. Pa. 1877.	\$2.00 Mass. 1891.
Breasters, . . .	\$18.00 Mass. 1891.	\$15.00 Mass. 1885, 1891.	\$11.00 N. J. 1885. N. Y. 1888.	\$9.00 Mass. 1891.	\$4.50 Mass. 1885.
Crimpers, . . .	\$28.85 Mass. 1885.	\$21.00 N. Y. 1888.	\$16.54 Mass. 1885.	\$10.00 Mass. 1883.	\$3.50 N. Y. 1888.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>BOOTS AND SHOES—Con.</b>					
Boot makers — Con.					
Fitters, . . .	\$24.00 Ohio 1887.	\$18.00 Mass. 1883. N. Y. 1888. Ohio 1887. Pa. 1888.	\$12.48 Mass. 1883, 1891.	\$6.75 Pa. 1880.	\$0.96 Eng. 1866.
Pasters, . . .	\$18.00 Mass. 1891.	\$14.26 Mass. 1891.	\$10.50 Mass. 1883.	\$6.33 Mass. 1883.	\$2.76 Eng. 1883.
Shavers, . . .	\$25.00 Mass. 1885. N. J. 1885. N. Y. 1888.	\$19.00 Mass. 1891.	\$14.40 N. J. 1884– 1886.	\$9.00 Ind. 1860, 1879, 1880. Mass. 1885. Pa. 1877.	\$4.00 N. J. 1885. 1886.
Treers, . . .	\$27.00 Mass. 1871.	\$22.50 Mass. 1870, 1878, 1879.	\$16.50 Cal. 1876– 1879. Mass. 1865, 1866, 1874. Ohio 1880– 1885.	\$11.25 Mass. 1879, 1880.	\$6.00 Mass. 1885. N. Y. 1888.
Trimmers, . . .	\$35.00 N. Y. 1888.	\$27.00 Mass. 1868, 1869, 1871. N. Y. 1888.	\$19.00 Mass. 1871. N. Y. 1888.	\$11.00 Mass. 1885. N. J. 1883, 1885.	\$3.36 Eng. 1883.
Turners, . . .	\$15.60 Pa. 1886.	\$12.90 Mass. 1885.	\$10.02 N. Y. 1886.	\$7.50 Mass. 1885.	\$4.80 Mass. 1885, 1886.
<b>Shoemakers:</b>					
Beaders, . . .	\$10.02 N. Y. 1886.	-	\$9.00 Mass. 1891. N. Y. 1886.	\$8.50 Mass. 1885. N. J. 1886.	\$7.50 Mass. 1885, 1891.
Beaters-out, . . .	\$30.00 Mass. 1885.	\$21.00 Mass. 1885.	\$17.00 Mass. 1885.	\$10.50 Me. 1865– 1867. Mass. 1885. Ohio 1866– 1880. Pa. 1876.	\$4.00 Mass. 1885.
Binders, . . .	\$7.50 Me. 1888. Mass. 1885, 1886.	-	\$5.67 Mass. 1885.	\$3.50 Mass. 1837, 1838.	\$1.68 Eng. 1839.
Blackers, . . .	\$22.00 Mass. 1891.	\$18.00 Mass. 1885.	\$12.00 Ind. 1866, 1870–1873. Mass. 1891.	\$6.00 Me. 1870, 1871–1880, 1885, 1886.	\$1.50 Pa. 1872, 1873.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>BOOTS AND SHOES—Con.</b>					
<b>Shoemakers — Con.</b>					
Bottomers, . . .	\$30.00 Mass. 1891.	\$22.00 Mass. 1891.	\$16.00 N. J. 1884. N. Y. 1872, 1873.	\$9.00 Me. 1857. Md. 1884, 1886. Mass. 1885. Ohio, 1866- 1880, 1885. Pa. 1877.	\$2.00 Mass. 1891.
Breasters, . . .	\$18.00 Mass. 1891.	\$15.00 Mass. 1885- 1891.	\$11.00 N. J. 1885. N. Y. 1888.	\$9.60 Mass. 1885.	\$4.50 Mass. 1885.
Buffers, . . .	\$25.00 Mass. 1885.	\$20.00 Mass. 1883, 1885.	\$15.00 Ind. 1866. Mass. 1883, 1885. Pa. 1873, 1886.	\$10.00 Mass. 1885, 1891.	\$4.00 N. J. 1885.
Burnishers, . . .	\$31.92 Mass. 1883.	\$25.00 N. Y. 1888.	\$18.00 Ill. 1856. Mass. 1866, 1867, 1877, 1886, 1891. N. J. 1883, 1898.	\$10.50 Ind. 1860. Me. 1865- 1867, 1870, 1871, 1876, 1878-1880. Mass. 1886. N. J. 1884, 1885. Ohio 1866- 1875, 1877- 1880. Pa. 1872, 1888.	\$3.00 N. Y. 1888.
Button sewers, . . .	\$16.00 N. Y. 1888.	\$12.00 Mass. 1891. N. Y. 1888.	\$9.00 Mass. 1885. N. Y. 1886, 1888.	\$5.40 Pa. 1886.	\$1.80 N. Y. 1888.
Channellers, . . .	\$30.00 Mass. 1885.	\$24.00 Mass. 1883.	\$18.00 Mass. 1883, 1895.	\$12.00 Cal. 1886. Mass. 1885, 1891. N. J. 1885. N. Y. 1886.	\$6.00 Mass. 1885, 1891. N. Y. 1886.
Cleaners, . . .	\$18.00 Mass. 1885.	\$15.00 Mass. 1891.	\$10.50 Ind. 1866.	\$6.90 Mass. 1885.	\$3.50 Mass. 1885.
Closers, . . .	\$18.00 Mass. 1885.	\$14.10 Pa. 1886.	\$9.90 N. Y. 1886.	\$5.95 Mass. 1891.	\$1.96 Mass. 1885.



## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>Boots and Shoes—Con.</b>					
<b>Shoemakers — Con.</b>					
Edge trimmers, . . .	\$28.00 Mass. 1885. N. Y. 1888.	\$22.50 Mass. 1885.	\$18.90 Pa. 1874.	\$13.98 N. Y. 1886.	\$9.00 Cal. 1886. Md. 1885. Mass. 1885.
Fitters, . . .	\$24.00 Ohio 1887.	\$18.00 Mass. 1883, 1885, 1888. Ohio 1887. Pa. 1888.	\$12.48 Mass. 1883.	\$6.75 Pa. 1880.	\$0.96 Eng. 1866.
Labellers, . . .	\$18.00 N. Y. 1888.	\$15.00 N. Y. 1888.	\$10.50 N. Y. 1888.	\$6.60 Mo. 1887.	\$3.00 Mich. 1884. N. Y. 1888.
Levellers, . . .	\$28.00 Mass. 1885.	\$22.00 Mass. 1891. N. Y. 1888.	\$16.02 N. Y. 1886.	\$10.50 Mass. 1886.	\$5.00 N. J. 1885.
Pasters, . . .	\$18.00 Mass. 1891.	\$14.26 Mass. 1891.	\$10.50 Mass. 1883.	\$6.33 Mass. 1883.	\$2.76 Eng. 1883.
Scourers, . . .	\$22.50 Mass. 1885.	\$18.00 N. Y. 1888.	\$13.50 Mass. 1886.	\$9.60 Mass. 1885.	\$4.50 N. Y. 1886.
Shavers, . . .	\$25.00 Mass. 1885. N. J. 1885. N. Y. 1888.	\$19.00 Mass. 1891.	\$14.40 N. J. 1884- 1886.	\$9.00 Ind. 1860, 1879, 1880. Mass. 1885. Pa. 1877.	\$4.00 N. J. 1885, 1886.
Stayers, . . .	\$13.00 Mass. 1885.	\$10.80 Me. 1888.	\$8.60 Mass. 1891.	\$6.00 Mass. 1885. N. J. 1886.	\$4.00 Mass. 1885. N. J. 1886.
Tackers, . . .	\$22.00 Mass. 1885.	\$16.20 Mass. 1886.	\$12.18 Wis. 1888.	\$7.50 Ind. 1875- 1880. Mass. 1886. N. J. 1885, 1886.	\$2.44 Eng. 1883.
Treers, . . .	\$27.00 Mass. 1871.	\$22.50 Mass. 1870, 1878, 1879.	\$16.50 Cal. 1876- 1879. Mass. 1865, 1866, 1874. Ohio 1880, 1885.	\$11.25 Mass. 1879, 1880.	\$6.00 Mass. 1885. N. Y. 1883.
Trimmers, . . .	\$35.00 N. Y. 1888.	\$27.00 Mass. 1868, 1869, 1871. N. Y. 1888.	\$19.00 Mass. 1871. N. Y. 1888.	\$11.00 Mass. 1885. N. J. 1883, 1885.	\$3.36 Eng. 1883.

## BRANCHES OF EMPLOYMENT. RECAPITULATION—Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures—Con.</b>					
<b>BOOTS AND SHOES—Con.</b>					
Shoemakers—Con.					
Turners, . . .	\$15.60 Pa. 1886.	\$12.90 Mass. 1885.	\$10.02 N. Y. 1886.	\$7.50 Mass. 1885.	\$4.80 Mass. 1885, 1886.
Vampers, . . .	\$19.50 Mass. 1885.	\$15.48 Cal. 1886.	\$11.40 Pa. 1886.	\$7.00 Mass. 1891.	\$3.00 N. J. 1885, 1886.
<b>BOXES (PAPER AND WOODEN).</b>					
Box cutters (paper), .	\$25.50 N. Y. 1888.	\$19.00 N. Y. 1888.	\$14.00 N. Y. 1888.	\$8.10 Mich. 1884.	\$3.00 N. J. 1882, N. Y. 1888.
Box makers (paper), .	\$21.00 Cal. 1886, 1888.	\$16.20 Conn. 1874.	\$11.48 N. Y. 1888.	\$6.06 Mo. 1890.	\$1.14 Fr. 1885.
Box makers (wooden),	\$30.00 N. Y. 1888.	\$21.00 N. Y. 1888. Pa. 1888. Wis. 1888.	\$15.60 N. J. 1882.	\$8.50 N. Y. 1888.	\$1.50 Cal. 1888.
Nailers (wooden boxes),	\$24.00 Mass. 1885, 1891.	\$19.50 Ill. 1882, 1883. Ky. 1867.	\$13.50 Ky. 1877. Mo. 1882.	\$9.00 Ill. 1871- 1890. Mass. 1891. Mich. 1873- 1880. Wis. 1876- 1878.	\$3.96 N. Y. 1888.
Pasters (paper boxes),	\$12.00 Mass. 1891.	\$10.00 N. Y. 1888.	\$8.00 N. Y. 1888.	\$6.00 Mass. 1885, 1891. N. Y. 1887, 1888.	\$4.00 Mass. 1885, N. Y. 1888.
<b>BRICK, TILES, AND SEWER PIPE.</b>					
Brick makers, . . .	\$30.00 Kans. 1889.	\$24.00 Cal. 1884, 1885. Kans. 1888. N. J. 1877. Wis. 1886.	\$15.65 Ohio 1885.	\$8.25 N. Y. 1883, 1884.	\$0.92 China 1889.
Burners, . . .	\$30.00 Mass. 1883, 1885. Pa. 1867- 1871.	\$24.00 Mo. 1882, 1887. N. Y. 1888. Pa. 1866, 1874, 1875, 1888.	\$17.31 Mass. 1875.	\$10.50 Ind. 1878. Mass. 1891. Mo. 1882. N. Y. 1876. Ohio 1878- 1882, 1887.	\$4.32 Eng. 1839, 1849.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures—Con.</b>					
BRICK, TILES, AND SEWER PIPE—Con.					
Foremen, . . .	\$36.00 Mass. 1885.	\$29.00 Mo. 1865.	\$21.00 Ind. 1866, 1867, Mass. 1891. Mo. 1866, 1867, 1869- 1874. Ohio 1884.	\$13.32 Ohio 1882.	\$5.63 Ger. 1885.
Kilnmen, . . .	\$30.00 N. J. 1885.	\$19.00 N. Y. 1888.	\$15.00 Md. 1885. N. J. 1882, 1886. N. Y. 1888. Ohio 1879- 1881, 1887.	\$8.64 Eng. 1857, 1874.	\$2.23 Ger. 1885.
Molders, . . .	\$24.00 Pa. 1868, 1871.	\$18.42 Mo. 1865.	\$13.00 N. Y. 1889.	\$7.50 Ind. 1879. Mass. 1883. Mo. 1861. N. J. 1860- 1864. Pa. 1860, 1863, 1879.	\$2.18 Ger. 1885.
Pressers, . . .	\$24.00 Mass. 1885.	\$19.50 Pa. 1870, 1871.	\$15.00 N. J. 1869, 1870, 1872- 1874. N. Y. 1889. Ohio 1875, 1880-1882. Pa. 1867, 1869, 1874.	\$10.50 Mo. 1874. N. J. 1866, 1878-1881. Ohio 1879- 1881. Pa. 1878, 1880.	\$6.00 Mass. 1885.
Setters, . . .	\$24.00 Pa. 1868.	\$19.50 N. J. 1871, 1872. Pa. 1866, 1871, 1872, 1888.	\$13.50 Ind. 1865. N. J. 1877- 1880. N. Y. 1888. Pa. 1864, 1875-1877, 1880.	\$8.08 Mass. 1877.	\$2.50 Ger. 1885.
Tile makers, . . .	\$30.00 Kans. 1889.	\$24.00 Cal. 1884, 1885. Kans. 1888. N. J. 1877. Wis. 1866.	\$15.65 Ohio 1885.	\$8.25 N. Y. 1883, 1884.	\$0.92 China 1889.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b> BROOMS, BRUSHES, AND MOPS. Brush and broom mak- ers, . . . . .	\$24.00 Mass. 1891.	\$18.00 Cal. 1885. Colo. 1888. Mass. 1891. N. Y. 1887. Pa. 1871.	\$12.30 Ohio 1887.	\$6.96 Mo. 1882, 1883. N. Y. 1886.	\$1.20 Fr. 1878. It. 1884.
<b>BUILDING.</b> Carpenters, . . . .	\$34.61 Mich. 1884.	\$26.34 N. Y. 1888.	\$18.00 Cal. 1884, 1886, 1888. Conn. 1867- 1870, 1873, 1875. D. C. 1886, 1889. Fla. 1859, 1865, 1875- 1877. Ga. 1889. Ill. 1864, 1867, 1868, 1871, 1872, 1874, 1882- 1885. Ind. 1881. Iowa 1865- 1869, 1880, 1887, 1889. Kans. 1880, 1882, 1884, 1885, 1887, 1888, 1889. La. 1880. Mass. 1869, 1873, 1874, 1886. Mich. 1873, 1886, 1889, 1891. Mo. 1867, 1874, 1881, 1883, 1884, 1887, 1889. Nebr. 1887, 1890. N. H. 1870- 1880, 1889.	\$9.60 Minn. 1889. N. H. 1886, 1889. Ohio 1883. Pa. 1876. R. I. 1875 W. Va. 1878, 1879. Eng. 1880.	\$1.20 Scot. 1877.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
BUILDING — Con.					
Carpenters — Con.			N. J. 1873, 1879, 1880, 1883, 1887, 1888, 1889. N. Y. 1874, 1875, 1879, 1880, 1882, 1886. Ohio 1867, 1869-1872, 1877, 1883, 1884, 1886, 1887, 1889. Ore. 1875. Pa. 1872, 1878-1880, 1888. R. I. 1888. Tenn. 1889. W. Va. 1873- 1875. Wis. 1880- 1884, 1886.		
Carpenters' helpers, .	\$18.00 N. Y. 1886.	\$15.00 N. Y. 1886.	\$10.02 Me. 1870.	\$6.00 Me. 1860. N. Y. 1857- 1863, 1872- 1875. Pa. 1878.	\$2.50 N. Y. 1886.
Door, sash, and blind makers, . . . .	\$24.00 Cal. 1885. Conn. 1875.	\$19.50 Mo. 1882, 1883.	\$15.00 Cal. 1884, 1885, 1888. Mass. 1883, 1885, 1891. N. J. 1880. N. Y. 1883, 1884, 1887. Pa. 1871.	\$10.50 Me. 1887. Mass. 1883, 1885, 1891.	\$6.00 Iowa 1887. N. Y. 1888. N. C. 1887. Wis. 1888.
Draughtsmen, . . .	\$50.00 N. J. 1883.	\$38.82 Mo. 1889.	\$27.00 Cal. 1886. Mass. 1891.	\$16.14 Pa. 1879.	\$5.00 Ger. 1885.
Foremen, . . . .	\$48.07 N. Y. 1888.	\$36.00 Cal. 1885. Pa. 1877.	\$25.00 N. Y. 1888. Ohio 1877, 1880.	\$13.50 Ind. 1878. Mich. 1874, 1875, 1880.	\$2.16 Eng. 1868.



## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>BUILDING — Con.</b>					
Gas fitters, . . . .	\$27.00	\$21.00	\$14.58	\$8.40	\$2.25
	Cal. 1888.	Cal. 1884.	Aus. 1878.	Scot. 1873,	Russ. 1885.
	Mo. 1889.	Ill. 1884-		1879, 1883,	
	N. J. 1888.	1886.		1884.	
	N. Y. 1888.	La. 1889.			
		Mass. 1891.			
		Mich. 1883,			
		1884.			
		N. J. 1865,			
		1866.			
		N. Y. 1885-			
		1889.			
		N. Dak. 1889.			
		Ohio 1884,			
		1889.			
		Tex. 1889.			
		Wis. 1888,			
		1889.			
Glaziers, . . . .	\$30.00	\$22.00	\$15.00	\$8.40	\$1.92
	Cal. 1888.	Mass. 1891.	Cal. 1885,	Fr. 1878.	Fr. 1853.
		N. Y. 1888.	1888.		
			Mass. 1885,		
			1891.		
			Mo. 1884.		
			N. J. 1884.		
			N. Y. 1888.		
Hod carriers, . . .	\$21.00	\$16.50	\$11.10	\$6.25	\$1.44
	Cal. 1888,	Colo. 1888.	Mo. 1882.	Eng. 1885.	Austria
	1889.	Mo. 1882-			1887.
		1884.			
		N. J. 1882,			
		1883.			
		N. Y. 1887-			
		1889.			
Lathers, . . . .	\$27.00	\$21.00	\$15.00	\$9.00	\$3.00
	N. Y. 1889.	Ill. 1883.	Cal. 1884.	Ga. 1889.	It. 1884.
		Mass. 1891.	Del. 1889.	Mich. 1884.	
		N. Y. 1883-	Ill. 1882-	Va. 1889.	
		1888.	1886.	Wis. 1880-	
			Iowa 1889.	1882.	
			Kans. 1890.		
			Mass. 1885,		
			1891.		
			Mich. 1883,		
			1889.		
			Mo. 1889.		
			N. Y. 1888.		
			Pa. 1871.		

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>BUILDING — Con.</b>					
Masons (brick), . . .	\$42.00 Pa. 1888.	\$31.20 Pa. 1872, 1873.	\$21.60 Ill. 1889. Ind. 1886. Minn. 1885, 1886, 1889. N. J. 1887. N. Y. 1886, 1887. Ohio 1887. Wis. 1889.	\$11.40 Eng. 1877.	\$1.20 China 1889.
Masons (stone), . . .	\$36.00 Iowa 1885.	\$27.00 D. C. 1889. Iowa 1889.	\$19.44 Mich. 1889.	\$11.40 Pa. 1888.	\$2.85 Ger. 1873. Saxony 1873.
Masons' helpers, . . .	\$16.50 N. Y. 1883- 1887.	\$12.75 N. Y. 1887, 1888.	\$9.00 Ky. 1886. N. Y. 1883- 1885, 1887. Fr. 1873.	\$5.31 Scot. 1882.	\$1.70 It. 1894, 1895.
Painters (fresco), . . .	\$60.00 Cal. 1885, 1888.	\$36.00 Cal. 1884. Mo. 1889. Nebr. 1887.	\$32.40 Mo. 1889.	\$18.90 Mass. 1889, 1891.	\$5.16 Swit. 1881.
Painters (house), . . .	\$36.00 Cal. 1885, 1888. Mass. 1885. Mo. 1889. N. Y. 1888, 1889.	\$27.00 Ill. 1889. Mass. 1889. Mich. 1886. N. Mex. 1889. Pa. 1871. R. I. 1889.	\$18.90 Mass. 1889. Minn. 1889.	\$10.08 Eng. 1883.	\$1.26 China 1889.
Paper hangers, . . .	\$40.00 N. J. 1884.	\$30.00 N. Y. 1885.	\$21.00 Ind. 1881. Mass. 1885. Mo. 1882, 1883, 1889. N. Y. 1883, 1887-1889. Pa. 1871. Wis. 1883.	\$12.00 Ga. 1889. Ind. 1879. Mass. 1885. Mich. 1884, 1889. Minn. 1889. N. J. 1884. N. Y. 1888. Ohio 1879, 1887. Pa. 1871. Tenn. 1889. Wis. 1889.	\$3.00 It. 1884.
Plasterers, . . . . .	\$48.00 Iowa 1885.	\$36.00 Mo. 1872.	\$24.30 Mich. 1889.	\$13.14 Wis. 1889.	\$2.16 Swe. 1881.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>BUILDING — Con.</b>					
Plumbers, . . .	\$30.00	\$22.50	\$15.60	\$8.52	\$1.44
	Iowa 1887. Mich. 1884. N. Y. 1889. Ohio 1881. Wis. 1888.	Ill. 1886. Iowa 1885. N. J. 1867- 1869, 1873.	Ill. 1885, 1886.	Eng. 1885.	China 1889.
Plumbers' helpers, .	\$18.00	\$15.00	\$9.72	\$5.40	\$1.20
	N. Y. 1888.	N. Y. 1886, 1888.	Mass. 1885.	Fr. 1878.	Eng. 1868, 1877.
Roofers and slaters, .	\$30.00	\$22.50	\$15.60	\$8.40	\$1.20
	N. Mex. 1889.	N. Y. 1885- 1887.	Mo. 1882, 1883.	Mich. 1889. Pa. 1876. Fr. 1878.	Scot. 1877.
Stair builders, . . .	\$30.00	\$24.00	\$16.50	\$10.50	\$3.60
	Cal. 1884.	Cal. 1888. Iowa 1885. N. Y. 1888.	Iowa 1869- 1873. Mo. 1882, 1883. N. J. 1885. N. Y. 1889.	Mass. 1860, 1891.	It. 1884.
Steam fitters, . . .	\$27.00	\$21.00	\$14.58	\$8.40	\$2.25
	Cal. 1888. Mo. 1889. N. J. 1888. N. Y. 1888.	Cal. 1884. Ill. 1884- 1886. La. 1889. Mass. 1891. Mich. 1883, 1884. N. J. 1865, 1866. N. Y. 1885- 1889. N. Dak. 1889. Ohio 1884, 1889. Tex. 1889. Wis. 1888, 1889.	Aus. 1878.	Scot. 1878, 1879, 1883, 1884.	Russ. 1885.
Whitewashers, . . .	\$18.00	\$13.50	\$10.00	\$6.00	\$3.00
	Mass. 1885, 1891.	Iowa 1885.	Iowa 1885.	Wis. 1880- 1884.	Mich. 1884.
<b>BUTTONS AND DRESS TRIMMINGS.</b>					
Button makers, . . .	\$20.98	\$15.32	\$10.50	\$5.71	\$1.06
	Mass. 1885.	Conn. 1887.	Ohio 1887.	Ger. 1875.	Ger. 1867, 1868.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>CARPETINGS.</b>					
Loom fixers, . . .	\$24.00	\$18.00	\$13.50	\$8.28	\$2.88
	Cal. 1867- 1885.	Cal. 1888. Ind. 1871- 1873, 1880.	Conn. 1870- 1875.	Mass. 1863, 1864.	It. 1886.
	Mass. 1891.	Mass. 1885, 1891.	Del. 1886.		
	Utah 1871- 1880.	N. Y. 1888.	Ill. 1876.		
		Pa. 1873- 1878, 1888, 1889.	Ind. 1865- 1872, 1875- 1878.		
			Mass. 1866- 1873.		
			N. J. 1886.		
			Pa. 1886, 1888.		
			R. I. 1888.		
			Vt. 1870, 1871.		
Overseers, . . .	\$42.00	\$33.00	\$23.08	\$12.48	\$4.00
	N. Y. 1886.	Mass. 1891.	Pa. 1877, 1879, 1880, 1890.	G. B. 1886.	Bohemia 1889.
Spinners, . . .	\$15.00	\$12.00	\$9.12	\$6.30	\$3.36
	Mass. 1885.	Mass. 1883.	Mass. 1883.	Mass. 1864.	Mass. 1891.
	N. Y. 1886.	Pa. 1870, 1879, 1880, 1890.			
	Pa. 1869- 1877, 1880, 1888.				
Weavers, . . .	\$24.96	\$19.00	\$13.50	\$7.44	\$1.30
	Pa. 1869.	N. Y. 1888.	N. J. 1883.	Mass. 1873.	Bohemia 1889.
			Pa. 1883.		
<b>CARRIAGES AND WAGONS.</b>					
Body makers, . . .	\$31.98	\$24.96	\$17.10	\$10.08	\$3.00
	N. Y. 1873- 1876.	Ky. 1870- 1872, 1876- 1878.	Iowa 1879, 1880.	Ire. 1863.	N. Y. 1883.
Carriage painters, .	\$25.50	\$19.98	\$14.22	\$8.46	\$3.00
	Pa. 1877.	Ky. 1867, 1873, 1879.	Mass. 1861- 1870.	Eng. 1885.	Mich. 1884. Mo. 1884. N. Y. 1888. It. 1884.
Carriage trimmers, .	\$33.60	\$25.00	\$18.00	\$9.96	\$1.92
	N. Y. 1888.	Mass. 1883.	Cal. 1884. Colo. 1888. Conn. 1870, 1880, 1886. Del. 1865- 1867, 1874- 1880.	Ky. 1861. Mass. 1877- 1880. Pa. 1873, 1874.	Ire. 1877.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
Manufactures — Con. CARRIAGES AND WAG- ONS — Con. Carriage trimmers—Con.			Ill. 1864- 1873, 1886. Iowa 1872, 1873, 1880. Ky. 1865, 1876-1878. Me. 1864- 1877, 1880. Mass. 1866- 1880, 1885. Mich. 1884, 1891. Mo. 1882, 1883. N. J. 1884, 1888. N. Y. 1865, 1875, 1878, 1888. Ohio 1864- 1873, 1880. Pa. 1877, 1888.		
Finishers, . . .	\$31.98 N. Y. 1875.	\$24.00 Mass. 1874, 1875. N. Y. 1878, 1879.	\$16.50 Conn. 1875- 1877, 1879. Ohio 1886.	\$9.24 Ohio 1881.	\$2.04 Eng. 1883.
Foremen, . . .	\$35.00 Ohio 1880.	\$27.70 Ohio 1879.	\$22.00 Ohio 1884.	\$15.24 Mass. 1880.	\$9.00 Me. 1850- 1858. Ohio 1850- 1859, 1880, 1884, 1886.
Stitchers, . . .	\$18.00 Conn. 1880.	\$15.00 Conn. 1878, 1879. Me. 1880. Mass. 1872, 1873, 1876, 1877. N. Y. 1870.	\$12.00 Del. 1880. Me. 1863- 1879. Mass. 1871- 1880, 1885. Mo. 1879. N. Y. 1880.	\$9.00 Me. 1862. Mass. 1857- 1870, 1876, 1877, 1879, 1880, 1885.	\$5.40 Ind. 1853- 1855.
Wheelwrights, . . .	\$30.00 Cal. 1888.	\$22.00 Mass. 1885.	\$15.96 Mass. 1876- 1879.	\$8.62 Eng. 1885.	\$1.06 Ger. 1870.
CLOCKS, WATCHES, AND JEWELRY. Finishers (watches), .	\$24.00 Conn. 1874. N. J. 1882.	\$19.00 Ill. 1882, 1883.	\$14.00 Mass. 1891.	\$9.00 Mass. 1885.	\$4.00 N. J. 1888.



## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
CLOCKS, WATCHES, AND JEWELRY — Con.					
Jewelry makers, . . .	\$40.02 Mich. 1886.	\$30.00 Cal. 1885. Iowa 1885. Mich. 1886. Wis. 1880- 1884.	\$21.00 Mass. 1885. N. J. 1883.	\$11.10 N. J. 1880.	\$1.42 Ger. 1865- 1870.
<b>CLOTHING.</b>					
Artificial flower makers,	\$18.00 Pa. 1871.	-	\$9.00 Cal. 1885, 1886, 1888.	\$4.50 N. Y. 1885.	\$1.42 Ger. 1873.
Basters, . . .	\$18.00 Mass. 1883. N. Y. 1888.	\$14.00 Mass. 1883, 1885.	\$10.00 Mass. 1883, 1885, 1891. N. Y. 1888.	\$6.00 Mass. 1883, 1885.	\$1.00 Ohio 1871- 1880.
Binders, . . .	\$20.00 N. J. 1883.	\$16.00 N. Y. 1888	\$12.99 Mass. 1891.	\$8.00 N. Y. 1888.	\$3.00 N. Y. 1888.
Blockers (hats), . .	\$40.00 N. Y. 1888.	\$30.00 Mass. 1891. N. J. 1883.	\$20.00 Mass. 1891. N. J. 1884.	\$12.00 Conn. 1874. Mass. 1885. Ohio 1887.	\$2.16 Eng. 1880.
Bushellers, . . .	\$20.00 Mass. 1891.	\$17.00 Mass. 1883.	\$12.00 Mass. 1883, 1885, 1891.	\$8.00 N. Y. 1888.	\$3.00 Mass. 1885.
Button-hole makers, .	\$26.50 Cal. 1888.	\$20.00 Cal. 1888. Mass. 1891. N. Y. 1888.	\$14.00 Mass. 1885.	\$8.00 Ill. 1885, 1886. Mass. 1885, 1891. N. J. 1886. N. Y. 1888.	\$2.00 Mass. 1885. N. J. 1884- 1886.
Cap makers, . . .	\$35.00 N. J. 1881. N. Y. 1885.	\$26.00 Pa. 1871.	\$18.00 Cal. 1884- 1886, 1888. Ind. 1881. Mass. 1885. N. J. 1880, 1883, 1884. N. Y. 1887- 1889. Ohio 1887. Pa. 1887.	\$9.60 N. J. 1880.	\$1.06 Ger. 1865.
Cloak makers, . . .	\$31.00 N. Y. 1888.	\$25.00 Cal. 1885, 1886, 1888. Ill. 1883, 1884. N. Y. 1888.	\$16.50 N. Y. 1889.	\$9.00 Cal. 1885, 1886. Ohio 1887.	\$1.66 Ger. 1885. Prussia 1884.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>CLOTHING — Con.</b>					
Coat makers, . . .	\$35.00 Conn. 1874.	\$25.00 Conn. 1874. Mass. 1883. N. Y. 1888.	\$19.00 Ill. 1882- 1886. Mich. 1884.	\$9.73 G. B. 1883.	\$1.22 G. B. 1893.
Corset makers, . . .	\$12.00 Cal. 1884. Mass. 1885. N. Y. 1888.	\$9.40 Mass. 1885.	\$6.91 Mass. 1883.	\$4.00 Mich. 1884.	\$1.00 Mich. 1884.
Cutters (clothing), . . .	\$65.00 Mo. 1887.	\$50.00 Mass. 1883, 1885. N. Y. 1888.	\$35.00 Mass. 1891.	\$18.96 N. Y. 1877.	\$2.23 Fr. 1891.
Dressmakers, . . .	\$20.00 N. Y. 1889.	\$15.00 Cal. 1884, 1888.	\$10.50 Ind. 1879.	\$6.00 Cal. 1884, 1885, 1888. Me. 1887, 1888. Mass. 1891. Mich. 1884. N. J. 1882. N. Y. 1885. R. I. 1888.	\$1.46 Eng. 1886.
Embroiderers, . . .	\$35.00 N. Y. 1883, 1889.	\$25.00 N. Y. 1884, 1886, 1888.	\$18.00 N. J. 1886. N. Y. 1886.	\$10.00 Mass. 1885, 1891. Mo. 1887. N. Y. 1885, 1888.	\$1.19 Ger. 1875.
Examiners, . . .	\$35.00 N. Y. 1888.	\$30.00 Mass. 1891. N. Y. 1888.	\$20.00 Mass. 1891.	\$12.00 Mass. 1891. N. Y. 1888.	\$4.00 N. Y. 1888.
Finishers (hats), . . .	\$32.00 Mass. 1891.	\$25.00 N. J. 1885.	\$17.37 N. Y. 1874.	\$10.00 N. Y. 1888.	\$3.00 N. Y. 1888.
Foremen, . . .	\$75.00 Ohio 1878.	\$60.00 Ohio 1880.	\$40.00 Mass. 1883, 1891. N. Y. 1866- 1870, 1874, 1877-1880.	\$22.26 Minn. 1890.	\$4.50 N. Y. 1888.
Furriers, . . .	\$36.00 N. Y. 1888.	\$30.00 Mass. 1885.	\$19.20 Wis. 1888.	\$10.50 Mich. 1882.	\$1.42 Ger. 1873.
Hat makers, . . .	\$35.00 N. J. 1881. N. Y. 1885.	\$25.00 Pa. 1871.	\$18.00 Cal. 1884- 1886, 1888. Ind. 1882. Mass. 1885. N. J. 1880, 1883, 1884.	\$9.60 N. J. 1880.	\$1.06 Ger. 1865.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>CLOTHING — Con.</b>					
Hat makers — Con.			N. Y. 1887- 1889. Ohio 1887. Pa. 1887.		
Milliners, . . . .	\$30.00 N. Y. 1888.	\$20.00 Cal. 1884. Mass. 1891. N. Y. 1888.	\$15.00 Ind. 1881. Mass. 1885, 1891. N. J. 1883, 1884. N. Y. 1888.	\$8.00 Cal. 1884. N. J. 1884.	\$1.16 Fr. 1875.
Packers, . . . .	\$35.00 N. J. 1884.	\$28.00 N. J. 1883.	\$20.00 N. J. 1888. N. Y. 1888.	\$12.00 Mass. 1883, 1891. Pa. 1868- 1880.	\$4.50 Mass. 1883, 1885.
Pantaloons makers, .	\$30.00 Mass. 1885.	\$24.00 N. Y. 1888.	\$16.50 Ill. 1882- 1886. Mass. 1883.	\$10.00 Conn. 1874. Ill. 1882.	\$3.00 N. Y. 1888, 1889. N. C. 1890. \$3.50 N. Y. 1888.
Pressers, . . . .	\$39.85 Mass. 1885.	\$31.00 N. Y. 1888.	\$22.00 N. J. 1883. N. Y. 1888.	\$12.00 Ill. 1884- 1886. Mass. 1883, 1885. N. J. 1884.	\$1.01 Cal. 1884, 1885. Kans. 1880, 1882. Mass. 1885. Mich. 1890.
Seamstresses, . . .	\$13.50 Mich. 1883.	\$10.00 Colo. 1888. N. Y. 1885.	\$7.38 Ar. Rep. 1873.	\$4.50 Cal. 1884, 1885. Kans. 1880, 1882. Mass. 1885. Mich. 1890.	\$1.20 Ger. 1850.
Sewing machine oper- ators, . . . .	\$36.00 Md. 1865- 1874.	\$25.00 Mass. 1874, 1891.	\$18.90 Pa. 1874.	\$10.00 Ill. 1882. Mass. 1885. N. J. 1881- 1884. N. Y. 1885. Pa. 1879.	\$1.20 Scot. 1866.
Shirt makers, . . .	\$25.02 Mich. 1886.	\$19.50 N. Y. 1887.	\$13.50 N. Y. 1886.	\$7.50 Colo. 1888. N. J. 1880. N. Y. 1885.	\$1.68 Ire. 1860.
Sizers (hats), . . .	\$33.36 Mass. 1891.	\$25.00 Mass. 1891.	\$20.00 N. J. 1883, 1884.	\$13.00 N. J. 1886.	\$6.00 Mass. 1891.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
CLOTHING — Con.					
Stiffeners (hats), . . .	\$45.94 Mass. 1891.	\$34.93 Mass. 1885.	\$26.74 Mass. 1891.	\$16.00 N. J. 1884.	\$6.00 N. Y. 1888.
Tailors, . . . . .	\$50.00 N. Y. 1886, 1888.	\$36.90 Mich. 1883.	\$25.50 Mich. 1883.	\$13.00 N. J. 1883.	\$0.71 <i>Wurtem-</i> <i>burg</i> 1882.
Trimmers, . . . .	\$40.00 Mass. 1883.	\$30.00 Mass. 1891.	\$20.00 Mass. 1885, 1891. N. Y. 1888.	\$10.60 Mass. 1891.	\$1.44 <i>Eng.</i> 1877.
Vest makers, . . .	\$22.50 N. Y. 1888.	\$18.00 Conn. 1874. N. Y. 1888.	\$12.00 Conn. 1874. Mass. 1885.	\$7.00 Conn. 1874.	\$1.50 <i>Fr.</i> 1878.
COOKING, LIGHTING, AND HEATING AP- PARATUS.					
Finishers, . . . .	\$18.00 Mass. 1868- 1870. Pa. 1872.	\$14.76 Pa. 1868.	\$11.48 Pa. 1879.	\$8.00 Mass. 1885, 1891.	\$5.04 Pa. 1857.
Foremen, . . . . .	\$57.69 Mo. 1866- 1880.	\$46.15 Mo. 1861- 1865.	\$34.62 Conn. 1875- 1877. Mass. 1874, 1875. Mo. 1860. N. Y. 1873- 1876, 1880.	\$22.50 Ohio 1880. Pa. 1875.	\$10.50 Mass. 1885.
Molders (stove foun- dries), . . . . .	\$35.00 Mass. 1891.	\$27.00 Ill. 1862, 1867. Ohio 1872.	\$19.14 N. Y. 1873.	\$15.18 Ore. 1881.	\$3.30 Mich. 1886.
Mounters (stoves), .	\$32.46 N. Y. 1888.	\$25.00 Mass. 1891.	\$18.00 Mass. 1868, 1869, 1871- 1875, 1885. Mo. 1881, 1884. Ohio 1872, 1881, 1882, 1884, 1885. Pa. 1886, 1888.	\$10.50 Conn. 1875- 1880. Ill. 1861, 1862, 1882, 1883. Ind. 1879. Mass. 1883, 1891. N. Y. 1877- 1880. Ohio 1870, 1874-1880, 1887, 1888.	\$3.00 Mich. 1883, 1891.
CORDAGE AND TWINE.					
Rope makers, . . .	\$27.00 Mass. 1885.	\$19.50 N. Y. 1888.	\$13.50 Mass. 1891. N. J. 1884. N. Y. 1883.	\$7.44 <i>Eng.</i> 1880.	\$1.19 <i>Ger.</i> 1871.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>CORDAGE AND TWINE</b>					
— Con.					
Spinners, . . .	\$16.66	\$12.00	\$9.00	\$5.22	\$1.44
	Mass. 1855.	Mass. 1840, 1845, 1850, 1891.	Mass. 1840, 1850, 1891.	Mass. 1835.	Ire. 1874.
		N. Y. 1888.			
<b>COTTON GOODS.</b>					
Back boys, . . .	\$9.30	\$6.90	\$4.80	\$2.60	\$0.40
	Conn. 1886.	Mass. 1886.	Mass. 1885. Pa. 1886. Russ. 1885.	Eng. 1846.	Scot. 1860.
Balers, . . .	\$16.00	\$13.00	\$9.00	\$5.40	\$1.98
	Conn. 1874.	Conn. 1875.	Conn. 1872- 1874, 1877- 1887. Ind. 1871- 1874. Me. 1866- 1869, 1872- 1875. Md. 1875. Mass. 1873- 1880, 1891. Mo. 1877, 1879, 1880. N. Y. 1870- 1873. Wis. 1875- 1880.	Me. 1886. N. C. 1886.	Me. 1880.
Ballers, . . .	\$15.00	\$12.00	\$8.00	\$4.50	\$0.96
	Mass. 1891.	Mass. 1891.	Cal. 1888. Mass. 1891.	Mass. 1885.	Eng. 1886.
Band boys, . . .	\$7.50	\$6.48	\$4.98	\$3.60	\$2.16
	Mass. 1891.	Pa. 1888.	Wis. 1888.	Me. 1886.	Mass. 1885.
Beamers, . . .	\$18.00	\$13.98	\$9.60	\$5.16	\$0.78
	Conn. 1874. Mass. 1891. Pa. 1888.	Pa. 1876.	Conn. 1874.	Scot. 1886.	Scot. 1874.
Bobbin boys, . . .	\$10.50	\$8.10	\$5.88	\$3.50	\$1.20
	Conn. 1874.	Del. 1886.	Eng. 1886.	Mo. 1876.	Eng. 1868.
Boiler tenders, . . .	\$15.90	\$12.25	\$9.00	\$5.64	\$2.16
	Wis. 1888.	Mass. 1891.	Conn. 1887. Mass. 1886. Mo. 1890. N. J. 1884.	Eng. 1884- 1886. G. B. 1880.	Scot. 1883.
Burlers, . . .	\$9.00	\$7.00	\$5.00	\$2.90	\$0.80
	Mass. 1883.	R. I. 1889.	Pa. 1876- 1888. R. I. 1889.	G. B. 1880.	Ger. 1856.



## BRANCHES OF EMPLOYMENT. RECAPITULATION—Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures—Con.</b>					
COTTON GOODS—Con.					
Carders, . . . .	\$30.00 Mass. 1870- 1873, 1891.	\$24.00 Cal. 1867- 1880. Mass. 1876- 1880. N. Y. 1888. Pa. 1879.	\$15.60 N. Y. 1886.	\$8.40 Ind. 1879. Mass. 1863, 1891. Pa. 1886. Eng. 1883.	\$1.28 Ire. 1886.
Card grinders, . .	\$15.00 Pa. 1886.	\$12.00 Conn. 1873. Mass. 1883, 1885. Pa. 1876.	\$8.52 Me. 1876, 1878. Mass. 1886.	\$5.34 N. H. 1861. Eng. 1885.	\$2.14 Ger. 1886.
Card strippers, . .	\$10.00 Md. 1868- 1874.	\$8.00 Conn. 1872- 1874. Md. 1876- 1878, 1880. Mo. 1876, 1877, 1880. N. J. 1882.	\$6.00 Conn. 1869, 1873-1875, 1880. Ind. 1866, 1867. Me. 1864, 1875-1878. Mass. 1871, 1872, 1874, 1879, 1885, 1886. N. H. 1868, 1869, 1872, 1875. N. J. 1882, 1883, 1885, 1886. N. Y. 1865, 1866, 1874, 1879, 1887, 1888. Vt. 1886. Wis. 1875- 1880.	\$3.90 Mass. 1860. N. Y. 1858.	\$1.80 Md. 1850.
Cloth room employés, .	\$12.00 Mass. 1885. Pa. 1886.	\$9.60 Mass. 1883, 1885.	\$6.48 N. H. 1886.	\$3.75 Conn. 1866.	\$1.00 Mass. 1885.
Cloth trimmers, . .	\$11.00 N. J. 1886.	\$8.40 Mass. 1891.	\$6.54 Mass. 1883.	\$4.50 Conn. 1865, 1869, 1870- 1874, 1886. Ind. 1877- 1880. Me. 1869, 1870, 1878. Mass. 1891.	\$2.50 Conn. 1854- 1859.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
Manufactures — Con. COTTON GOODS — Con. Cloth trimmers — Con.				N. H. 1865, 1868-1870, 1873, 1877. N. Y. 1876.	
Combers, . . .	\$19.80 N. Y. 1886.	\$14.52 N. Y. 1886.	\$9.60 Eng. 1833.	\$5.46 Pa. 1888.	\$1.32 Eng. 1824, 1826.
Doffers, . . .	\$9.30 Mass. 1885.	\$7.00 Mass. 1891.	\$4.80 Ind. 1871, 1872, 1886. Mass. 1867, 1891. N. H. 1880, 1886. R. I. 1889.	\$2.60 Mass. 1868. Eng. 1886. Scot. 1886.	\$0.34 Eng. 1886.
Doublers, . . .	\$10.00 Mass. 1891. N. J. 1886.	\$7.80 Mass. 1885, 1891.	\$5.50 Mass. 1891. N. J. 1883. N. Y. 1888.	\$3.36 N. Y. 1886. Eng. 1886. Scot. 1886.	\$1.19 <i>Bavaria</i> 1882.
Drawers-in, . . .	\$13.80 Mass. 1883.	\$10.50 Mass. 1883.	\$7.33 Mass. 1891.	\$4.18 Mass. 1872.	\$1.02 <i>Ire.</i> 1886.
Dressers, . . .	\$23.34 Mass. 1871.	\$17.88 Mass. 1871.	\$12.42 Pa. 1877.	\$4.14 N. H. 1837.	\$1.44 Eng. 1883.
Dryers, . . .	\$15.00 N. J. 1885.	\$12.00 Mass. 1883. N. J. 1885.	\$8.23 Conn. 1875.	\$5.00 N. J. 1884- 1886.	\$1.68 <i>Ire.</i> 1883.
Engineers, . . .	\$36.00 Mass. 1891.	\$27.00 R. I. 1880. Vt. 1875- 1878, 1880.	\$19.20 Conn. 1887.	\$11.00 Conn. 1878. N. J. 1885. Pa. 1876.	\$2.74 <i>Ire.</i> 1886.
Filling carriers, . . .	\$12.00 Mass. 1891.	\$9.90 R. I. 1888.	\$7.50 Me. 1886. Mass. 1883, 1886, 1891.	\$5.16 Mo. 1890.	\$3.00 Md. 1885, 1886. N. Y. 1888. N. C. 1886.
Finishers, . . .	\$30.00 Mass. 1883, 1885.	\$24.00 Mass. 1883, 1886.	\$16.00 Mass. 1891.	\$8.82 Mass. 1885.	\$1.60 <i>Ger.</i> 1873.
Firemen, . . .	\$18.00 Cal. 1888.	\$14.00 Mass. 1891. Mo. 1870.	\$10.00 N. J. 1882, 1883, 1886.	\$6.00 Mass. 1883, 1886. N. C. 1886, 1887. <i>Belgium</i> 1882. <i>Eng.</i> 1882. <i>Fr.</i> 1883. <i>Scot.</i> 1877, 1880, 1882.	\$2.04 Eng. 1866.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>COTTON GOODS — Con.</b>					
Folders, . . .	\$15.00 Mass. 1874- 1876, 1879, 1891. N. Y. 1888.	\$11.52 Me. 1871- 1873.	\$7.98 Conn. 1886. Me. 1887. N. H. 1866.	\$4.50 Ga. 1886. Ind. 1877- 1880. Mass. 1883. Mo. 1876, 1877, 1879, 1880. N. Y. 1876, 1884, 1885. Vt. 1886.	\$0.96 Eng. 1886.
Frame tenders, . . .	\$12.00 Mass. 1891. N. J. 1882, 1883.	\$9.00 Mass. 1885. N. J. 1883. N. Y. 1888. Pa. 1876.	\$6.91 Mass. 1891.	\$4.38 Eng. 1885.	\$1.86 Eng. 1886.
Lappers, . . .	\$9.00 Mass. 1866, 1867, 1885, 1891.	\$7.08 Mass. 1886.	\$5.25 Scot. 1877, 1878.	\$3.34 Scot. 1886.	\$1.38 Russ. 1882.
Loom fixers, . . .	\$24.00 Cal. 1867- 1885. Mass. 1891. Utah 1871- 1880.	\$18.00 Cal. 1888. Ind. 1871- 1873, 1880. Mass. 1885, 1891. N. Y. 1888. Pa. 1873- 1878, 1888, 1889.	\$13.50 Conn. 1870- 1875. Del. 1886. Ill. 1876. Ind. 1865- 1872, 1875- 1878. Mass. 1866- 1873. N. J. 1886. Pa. 1886, 1888. R. I. 1883. Vt. 1870, 1871.	\$8.25 Vt. 1864, 1865.	\$2.88 It. 1886.
Machinery cleaners, . .	\$18.00 Mass. 1891.	\$12.00 Mass. 1891. N. Y. 1888.	\$9.60 Mass. 1867.	\$5.40 Mass. 1885.	\$1.20 China 1889. Eng. 1839, 1849. \$0.96 Eng. 1866.
Menders, . . .	\$13.84 N. Y. 1888.	\$10.50 Mass. 1891. N. Y. 1888.	\$7.50 Mass. 1891. N. J. 1886. N. Y. 1864, 1866, 1868, 1885. Pa. 1886.	\$4.25 N. Y. 1888.	

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>COTTON GOODS — Con.</b>					
Oilers, . . . . .	\$18.00 Ohio 1887.	\$13.50 N. Y. 1888.	\$9.69 Mich. 1889.	\$5.40 Me. 1887. Mass. 1885, 1886. Pa. 1878, 1886. Vt. 1886. Eng. 1886.	\$1.02 Irr. 1886.
Overseers, . . . .	\$48.08 Mass. 1870- 1880.	\$36.00 Mass. 1883, 1886, 1891.	\$25.00 Mo. 1879. N. H. 1882. N. J. 1886. Pa. 1882. Can. 1882.	\$13.08 N. H. 1852.	\$1.25 Poland 1882.
Packers, . . . .	\$24.00 Conn. 1874.	\$16.50 R. I. 1889.	\$13.08 Pa. 1886.	\$7.20 Mass. 1891.	\$1.50 Belgium 1883.
Pickers, . . . .	\$24.00 Pa. 1878.	\$17.88 Del. 1877.	\$12.75 Pa. 1878.	\$6.96 Md. 1865. Mass. 1885.	\$1.15 China 1889. Russ. 1882.
Quillers, . . . .	\$12.00 Mass. 1891.	\$9.21 Mass. 1891.	\$7.26 Mass. 1874.	\$5.00 N. J. 1883, 1888. N. Y. 1888.	\$3.00 Mass. 1851- 1853, 1891. N. J. 1883, 1884. N. C. 1886. Va. 1886.
Reelers, . . . .	\$18.00 N. J. 1882.	\$13.26 Md. 1886.	\$9.42 Ohio 1886.	\$5.23 Mass. 1836.	\$0.96 Scot. 1866, 1871.
Roving hands, . .	\$9.00 Mass. 1883.	\$7.20 Me. 1886.	\$5.10 Mass. 1891.	\$3.12 Eng. 1857.	\$1.22 Scot. 1886.
Second hands, . .	\$36.00 Mass. 1891.	\$27.00 Mass. 1883.	\$18.00 Mass. 1868- 1874, 1877, 1878, 1883, 1886. N. J. 1886. N. Y. 1886, 1888.	\$9.54 R. I. 1875.	\$1.13 Poland 1882.
Section hands, . .	\$21.00 Mass. 1883, 1891.	\$16.80 Mass. 1885.	\$12.60 Mass. 1875, 1876.	\$8.28 N. Y. 1880.	\$4.00 Poland 1882.
Shearers, . . . .	\$24.00 Cal. 1867- 1875.	\$18.00 Ind. 1871- 1874. Mass. 1885. Utah 1871- 1880.	\$13.50 Ind. 1864- 1880. Mass. 1871- 1873, 1885.	\$7.80 N. H. 1865, 1866.	\$2.00 Bohemia 1885.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>COTTON GOODS — Con.</b>					
Sizers, . . . . .	\$15.00	\$11.82	\$9.00	\$5.70	\$2.40
	Pa. 1884.	Eng. 1886.	Mass. 1885, 1891.	Mass. 1886.	Eng. 1883.
Slasher tenders, . . .	\$16.50	\$13.50	N. Y. 1888. \$10.25	\$7.08	\$4.02
	R. I. 1887.	Conn. 1870, 1871. Mass. 1872, 1873. N. Y. 1874, 1875.	Mass. 1891.	Mass. 1883.	Swit. 1882.
Slubber tenders, . . .	\$12.00	\$9.00	\$6.11	\$3.70	\$1.38
	N. J. 1882.	Cal. 1888. Mass. 1891.	Mass. 1891.	Eng. 1886.	Russ. 1882.
Spare hands, . . . .	\$18.00	\$12.00	\$9.92	\$5.76	\$1.50
	Mass. 1885.	Mass. 1891.	Mich. 1889.	N. H. 1886.	Ger. 1886.
Speeder tenders, . . .	\$13.50	\$10.00	\$7.68	\$4.68	\$1.70
	R. I. 1888.	Mass. 1891.	Conn. 1885.	Mass. 1837.	It. 1884
Spinners, . . . . .	\$21.00	\$16.00	\$10.80	\$8.28	\$0.60
	N. Y. 1873.	Mass. 1891.	Conn. 1886. Mass. 1873. N. Y. 1866. Eng. 1839, 1859.	N. Y. 1879.	China 1889.
Spooler tenders, . . .	\$12.00	\$9.00	\$6.48	\$3.72	\$0.92
	Mass. 1885. Pa. 1871.	Cal. 1888. Ind. 1886.	Mass. 1883. N. J. 1876,	N. Y. 1855- 1862, 1866,	Swit. 1882.
	R. I. 1889.	Mass. 1883, 1885. N. J. 1861, 1867, 1880. Pa. 1870, 1888.	1877.	1877.	
Strippers, . . . . .	\$10.20	\$8.40	\$6.50	\$4.56	\$2.64
	N. Y. 1886.	Mass. 1885.	Conn. 1875.	Eng. 1886.	Eng. 1839.
Twisters, . . . . .	\$21.00	\$16.00	\$10.98	\$5.94	\$0.81
	Pa. 1888.	N. J. 1886.	Mass. 1883.	Mass. 1883.	It. 1862.
Warpers, . . . . .	\$26.50	\$18.00	\$13.68	\$7.30	\$0.96
	N. Y. 1888.	Cal. 1874- 1880, 1885.	N. Y. 1870.	Eng. 1878.	Scot. 1883.
Weavers, . . . . .	\$30.00	\$24.00	\$16.00	\$8.50	\$0.94
	N. J. 1883.	Ind. 1870.	Cal. 1883.	N. J. 1884.	Scot. 1886.
Winders, . . . . .	\$16.66	\$12.00	\$8.55	\$4.68	\$0.76
	Conn. 1860.	Mass. 1885, 1891. N. J. 1881, 1885. Pa. 1870, 1880, 1890. R. I. 1889.	N. Y. 1887.	Mass. 1837, 1869.	Eng. 1886.



## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b> EARTHEN, PLASTER, AND STONE WARE.					
Decorators (china and stone ware), . . .	\$48.00 Ohio 1887.	\$36.00 Ohio 1887.	\$24.00 Ohio 1887.	\$13.34 N. Y. 1888.	\$1.44 Eng. 1871.
<b>ELECTRICAL APPARA- TUS AND APPLIANCES.</b>					
Electricians, . . .	\$53.33 Ill. 1884.	-	\$30.00 N. Y. 1888.	\$19.50 N. Y. 1888.	\$8.00 Mass. 1891.
<b>ELECTROPLATING.</b>					
Platers (gold, silver, nickel, etc.), . . .	\$34.62 R. I. 1887.	\$27.00 Mass. 1885.	\$19.50 Mass. 1885.	\$11.40 Ill. 1886.	\$3.00 N. Y. 1888. R. I. 1887.
<b>FLAX, HEMP, JUTE, AND LINEN GOODS.</b>					
Back boys, . . .	\$9.30 Conn. 1886.	\$6.90 Mass. 1886.	\$4.80 Mass. 1885. Pa. 1886. Russ. 1885.	\$2.60 Eng. 1846.	\$0.40 Scot. 1860.
<b>Batchers, . . .</b>	\$10.50 Cal. 1886.	\$9.00 N. J. 1888. N. Y. 1886.	\$6.60 N. Y. 1888.	\$3.82 Scot. 1886.	\$1.80 Scot. 1886.
<b>Boiler tenders, . . .</b>	\$15.90 Wis. 1888.	\$12.25 Mass. 1891.	\$9.00 Conn. 1887. Mass. 1886. Mo. 1890. N. J. 1884.	\$5.64 Eng. 1884- 1886. G. B. 1880.	\$2.16 Scot. 1883.
<b>Carders, . . .</b>	\$30.00 Mass. 1870- 1873, 1891.	\$24.00 Cal. 1867- 1880. Mass. 1876- 1880. N. Y. 1888. Pa. 1879.	\$15.60 N. Y. 1886.	\$8.40 Ind. 1879. Mass. 1863, 1891. Pa. 1886. Eng. 1883.	\$1.28 Ire. 1886.
<b>Overseers, . . .</b>	\$21.60 Cal. 1886.	\$18.00 N. J. 1883. N. Y. 1886.	\$12.00 Mass. 1883, 1885, 1891.	\$7.50 Scot. 1875, 1876.	\$3.36 Scot. 1866, 1868.
<b>Spinners, . . .</b>	\$20.00 Cal. 1886, 1888.	\$15.00 Mass. 1891.	\$11.10 Mass. 1891.	\$6.24 N. J. 1888.	\$1.38 Scot. 1871, 1880.
<b>Weavers, . . .</b>	\$12.00 Cal. 1888, 1890. N. J. 1888.	\$9.25 Mass. 1891.	\$6.50 N. J. 1876- 1878, 1880.	\$3.72 Scot. 1883.	\$0.96 Fr. 1875, 1878. Ire. 1855.
<b>FOOD PREPARATIONS.</b>					
Bakers, . . .	\$36.00 N. Y. 1887.	\$25.00 Ill. 1882, 1883. Mass. 1885, 1891. Mich. 1884. Mo. 1882. N. Y. 1886- 1888. Ohio 1886.	\$18.64 Conn. 1887.	\$9.72 N. Y. 1881.	\$0.83 Ger. 1865.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>FOOD PREPARATIONS</b>					
— Con.					
Butchers, . . .	\$30.00 N. Y. 1888.	\$21.60 N. J. 1886. N. Y. 1886.	\$15.00 Colo. 1888. Ill. 1878, 1882-1886. Ind. 1886. Kans. 1888. Mass. 1891. Mich. 1883. Nebr. 1887. N. J. 1882, 1884. N. Y. 1883, 1884. Ohio 1887.	\$7.98 N. Y. 1887.	\$0.69 <i>Fr.</i> 1875.
Confectioners, . .	\$36.00 N. Y. 1887.	\$25.00 Ill. 1882, 1883. Mass. 1885, 1891.	\$18.64 Conn. 1887.	\$9.72 N. Y. 1881.	\$0.83 <i>Ger.</i> 1865.
Engineers, . . .	\$38.46 N. Y. 1888.	\$30.00 Cal. 1861- 1880, 1886. Mass. 1883, 1885, 1891. Mich. 1884. N. Y. 1888.	\$21.48 Ill. 1886.	\$13.26 Ohio 1882.	\$5.16 <i>Eng.</i> 1880.
Firemen, . . .	\$18.00 Cal. 1861- 1880. Mo. 1871- 1880. N. Y. 1888.	\$14.34 Mo. 1890.	\$11.00 Mass. 1885.	\$7.50 Ill. 1863, 1886. Mass. 1885. N. Y. 1888. Ohio 1877. Pa. 1873- 1876.	\$3.84 <i>Scot.</i> 1866.
Foremen, . . .	\$50.00 Ohio 1886.	\$39.96 Mo. 1890.	\$29.94 Mo. 1890.	\$18.00 Cal. 1888, Mich. 1884. N. J. 1884. N. Y. 1883- 1887. Ohio 1884.	\$5.76 <i>Ire.</i> 1858.
Millers, . . .	\$48.08 Minn. 1880.	\$36.00 Cal. 1861- 1867. Ind. 1886. N. Y. 1879, 1880. Utah 1862- 1864.	\$25.00 N. Y. 1888.	\$13.00 Ill. 1873. Mass. 1885. N. Y. 1875- 1878.	\$1.14 <i>Fr.</i> 1885.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
FOOD PREPARATIONS — Con.					
Packers, . . . .	\$30.00 N. Y. 1888.	\$23.08 Cal. 1888.	\$15.50 Mo. 1871- 1878.	\$8.70 Ind. 1864.	\$1.95 G. B. 1883.
FURNITURE.					
Cabinet makers, . .	\$36.00 Mich. 1883.	\$30.00 Iowa 1887.	\$19.00 Mo. 1882. N. Y. 1873, 1880.	\$10.44 Ill. 1884.	\$1.80 China 1889.
Chair makers, . . .	\$27.00 N. Y. 1888.	\$21.00 Cal. 1888.	\$14.50 Pa. 1874- 1876.	\$8.22 Pa. 1880.	\$2.00 Mich. 1890.
Engineers, . . . .	\$25.00 N. Y. 1873- 1880.	\$21.00 Ohio 1865, 1868.	\$16.00 N. Y. 1874, 1880.	\$10.50 Ill. 1874- 1880, 1885. Ind. 1858, 1859, 1863- 1872, 1877- 1879. Mich. 1890. N. Y. 1885. Ohio 1875- 1880. Wis. 1861- 1866, 1868- 1873, 1879, 1880.	\$6.00 Ill. 1874- 1876.
Finishers, . . . .	\$25.00 Mass. 1883.	\$19.23 Mich. 1890.	\$14.00 Iowa 1875, 1876.	\$8.76 Ill. 1877.	\$3.46 Ill. 1873- 1878.
Foremen, . . . .	\$46.15 Cal. 1880, 1885.	\$34.62 Cal. 1870- 1879. Ky. 1861- 1870.	\$25.77 Ill. 1880, 1885.	\$16.15 Conn. 1861, 1872-1880. Ill. 1871, 1873, 1874. Ind. 1866- 1880.	\$6.00 Mass. 1883, 1891. Mich. 1890. Ger. 1877.
Furniture workers, .	\$38.75 N. J. 1884.	\$30.00 Mass. 1883. Mich. 1884. N. Y. 1888.	\$20.00 Ill. 1879. Ohio 1886.	\$10.50 Cal. 1884. Iowa 1887. Mo. 1884. N. Y. 1883, 1884. N. C. 1887, 1888. Ohio 1872.	\$1.36 Ger. 1874- 1878.
Mattress makers, . .	\$26.00 Mass. 1891.	\$20.00 N. Y. 1889.	\$15.00 Colo. 1888. Conn. 1875. Mass. 1885. Mich. 1884. N. Y. 1888.	\$9.00 Cal. 1886. Mich. 1884. N. J. 1884.	\$3.60 It. 1884.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>FURNITURE — Con.</b>					
Packers, . . . .	\$18.00 Cal. 1884. Conn. 1871, 1872. Ky. 1866- 1872. Mass. 1891.	\$15.00 Cal. 1870- 1875, 1884. Conn. 1868, 1869, 1873. Ky. 1873- 1880. Mass. 1885, 1891. Mich. 1884, 1886, 1890. N. Y. 1871, 1880, 1885. Pa. 1873.	\$11.00 N. Y. 1877, 1878.	\$7.56 Ill. 1876.	\$4.50 Wis. 1876- 1880.
Painters, . . . .	\$18.00 Mass. 1885. Mich. 1890. N. Y. 1888.	\$15.00 Ind. 1870- 1874. Mass. 1885. Mich. 1890. N. Y. 1888.	\$10.50 N. Y. 1888.	\$7.00 Ind. 1860- 1868, 1878, 1879. Mass. 1891.	\$3.00 N. Y. 1888.
Trimmers, . . . .	\$18.00 Mass. 1883.	\$14.00 Mass. 1891.	\$10.50 Mass. 1891.	\$7.50 Mich. 1886, 1890.	\$4.20 Wis. 1888.
Upholsterers, . . . .	\$30.00 Cal. 1870- 1880, 1884, 1885. Mass. 1891.	\$23.08 Mich. 1890.	\$16.00 N. Y. 1874, 1888. Pa. 1873.	\$8.40 Mass. 1891. Ire. 1863.	\$1.14 Fr. 1885.
Varnishers, . . . .	\$31.98 N. Y. 1880.	\$25.00 Mass. 1883.	\$16.50 Conn. 1876- 1878. Del. 1876, 1877. Ill. 1879, 1880, 1885. Mass. 1871- 1877, 1879, 1880. Mich. 1873, 1859, 1862, 1874, 1880. N. H. 1873. N. J. 1879. N. Y. 1887- 1889.	\$9.00 Ill. 1872- 1878. Ind. 1863- 1879, 1881, 1886. Iowa 1872- 1874, 1878, 1879. Ky. 1858, 1859, 1862, 1873-1878. Me. 1850- 1858. Mich. 1884, 1886, 1891. Mo. 1883. N. H. 1854, 1855. N. J. 1884, 1885.	\$1.34 G. B. 1883.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
Furniture — Con.					
Varnishers — Con.				N. Y. 1850- 1865, 1879. Ohio 1850- 1859, 1870- 1874, 1879- 1881, 1887. Pa. 1868- 1880. Wis. 1861, 1874-1878.	
<b>GAS AND RESIDUAL PRODUCTS.</b>					
Firemen, . . .	\$18.20 Mass. 1891.	\$14.00 Mass. 1891.	\$10.50 Me. 1879, 1880. N. J. 1867. N. Y. 1888.	\$6.72 Eng. 1860.	\$3.00 Austria 1885.
Foremen, . . .	\$36.00 Conn. 1874.	\$30.00 N. Y. 1888.	\$21.00 N. J. 1870- 1874. N. Y. 1888.	\$13.85 Ohio 1877.	\$7.80 Scot. 1866.
Gas makers, . . .	\$21.00 N. J. 1872.	\$17.30 N. Y. 1888.	\$12.00 N. J. 1872. U. S. (n. s.) 1880.	\$7.44 Scot. 1880.	\$2.88 Ire. 1857.
<b>GLASS.</b>					
Blowers, . . .	\$90.00 N. J. 1885.	\$67.14 Pa. 1867.	\$45.06 Pa. 1869.	\$23.16 N. J. 1877.	\$1.74 Fr. 1885.
Cutters, . . .	\$97.20 Pa. 1867.	\$68.34 Pa. 1868.	\$50.82 Pa. 1873.	\$27.00 N. J. 1888. Ohio 1886. Pa. 1888.	\$2.80 Austria 1885.
Engineers, . . .	\$30.00 Mo. 1884.	\$22.00 Mo. 1884.	\$17.00 Pa. 1869, 1870, 1873- 1875.	\$10.50 Mo. 1877. N. Y. 1870. W. Va. 1857- 1861.	\$4.20 Fr. 1881.
Engravers, . . .	\$28.84 N. J. 1885.	\$22.50 N. Y. 1870. Pa. 1866, 1875.	\$16.50 Mass. 1864- 1879. N. Y. 1862.	\$10.50 Ohio 1880. W. Va. 1867, 1880.	\$4.60 Bohemia 1885.
Finishers, . . .	\$35.00 N. J. 1884.	\$26.58 Pa. 1880.	\$18.00 Mass. 1864- 1866. N. J. 1880. N. Y. 1862, 1876. Pa. 1870- 1875, 1877, 1878.	\$9.60 Pa. 1888.	\$0.96 Eng. 1878.



## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
GLASS — Con.					
Flatteners, . . . .	\$36.00 Mass. 1883.	\$28.00 N. J. 1885.	\$20.00 Mass. 1878, 1881. Ohio 1860, 1879.	\$11.54 N. J. 1883.	\$4.01 Fr. 1882.
Gaffers, . . . .	\$36.00 Mass. 1885. N. J. 1884, 1888. N. Y. 1888.	\$30.00 Mass. 1885. N. J. 1884, 1885. N. Y. 1888. Pa. 1888.	\$24.00 N. J. 1883, 1888. N. Y. 1888. Pa. 1888.	\$18.00 N. J. 1885, 1886.	\$12.00 N. J. 1886.
Gatherers, . . . .	\$36.00 Ohio 1887, 1888.	\$27.66 Pa. 1869, 1870.	\$19.50 N. J. 1883. Pa. 1876.	\$11.16 Pa. 1881.	\$3.00 Pa. 1882.
Glass workers, . . .	\$27.00 N. Y. 1883- 1886.	\$21.00 Mass. 1875.	\$15.00 Mass. 1883, 1891. Mich. 1883. N. J. 1883. N. Y. 1888, 1889. Pa. 1871.	\$9.00 Ind. 1881. Kans. 1888. Mass. 1875, 1883. Mich. 1883. N. J. 1881, 1883, 1888. Pa. 1871.	\$3.00 N. Y. 1886. Ger. 1878. It. 1885.
Mixers, . . . .	\$19.98 Pa. 1888.	\$15.00 Cal. 1880, 1886, 1890. N. J. 1886. Ohio 1870- 1872. Pa. 1872- 1877, 1879, 1880, 1886, 1888.	\$11.00 Ohio 1880. Pa. 1869, 1880.	\$6.50 Pa. 1860.	\$1.92 Eng. 1883.
Mold holders, . . .	\$21.00 N. Y. 1880.	\$15.00 Mass. 1880. N. J. 1880.	\$9.00 Pa. 1880.	\$5.70 N. Y. 1866.	\$2.40 W. Va. 1867.
Mold makers, . . .	\$36.00 N. Y. 1888. Ohio 1880. Pa. 1880.	\$25.00 Pa. 1871- 1875, 1880.	\$20.40 W. Va. 1864.	\$12.17 G. B. 1883.	\$5.00 N. Y. 1888.
Packers, . . . .	\$36.00 Pa. 1888.	\$25.38 Pa. 1888.	\$18.66 Ind. 1880. Pa. 1870.	\$9.90 Ohio 1876.	\$0.96 Russ. 1885.
Pot fillers, . . . .	\$18.00 Pa. 1873.	\$15.00 Pa. 1870- 1872.	\$11.10 Pa. 1886.	\$7.80 N. Y. 1880.	\$4.50 W. Va. 1845- 1849, 1862.
Pot makers, . . . .	\$36.36 Pa. 1888.	\$28.02 Pa. 1888.	\$19.00 Pa. 1866.	\$10.50 N. Y. 1862.	\$2.07 Ger. 1885.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
GLASS — Con.					
Pressers, . . . .	\$31.80 N. J. 1886.	\$25.20 W. Va. 1880.	\$18.46 N. J. 1885.	\$12.00 Mass. 1864-1869. Pa. 1880, 1884.	\$5.00 N. J. 1884.
Stickers-up, . . . .	\$12.00 Mass. 1885. Pa. 1883.	\$9.60 Pa. 1866.	\$7.20 Mass. 1885. Pa. 1873-1880. W. Va. 1880.	\$4.80 Ky. 1880. N. Y. 1862, 1870, 1880. Ohio 1877-1879.	\$2.40 Mo. 1873. N. J. 1878, 1879.
Teasers, . . . .	\$39.24 Pa. 1867, 1868.	\$30.00 Ohio 1886, 1887. Pa. 1869, 1879, 1886.	\$21.42 Pa. 1877.	\$12.90 N. Y. 1880. Ohio 1873, 1874.	\$4.80 Scot. 1883.
GLUE, ISINGLASS, AND STARCH.					
Glue makers, . . . .	\$21.00 Conn. 1875. Pa. 1871.	\$16.38 Mass. 1875.	\$10.74 Mass. 1875.	\$5.80 Fr. 1885.	\$0.96 It. 1884.
HAIR WORK (ANIMAL AND HUMAN).					
Hairworkers, . . . .	\$25.00 Cal. 1885, 1886, 1888.	\$20.00 Cal. 1885, 1886, 1888.	\$15.00 Cal. 1885, 1886, 1888. Mass. 1891.	\$9.00 Mass. 1891.	\$3.00 Cal. 1888. N. J. 1881. N. Y. 1888.
HOSE : RUBBER, LINEN, ETC.					
Hose makers (rubber),	\$19.21 Mass. 1891.	\$15.00 Mass. 1885. N. J. 1884, 1885.	\$12.00 N. J. 1882, 1884. N. Y. 1888.	\$8.00 N. Y. 1888.	\$4.00 N. Y. 1888.
HOSIERY AND KNIT GOODS.					
Boarders, . . . .	\$21.00 N. Y. 1888.	\$18.00 N. Y. 1886, 1887.	\$12.00 N. J. 1886. N. Y. 1883-1885, 1888.	\$7.50 Mass. 1891.	\$2.35 Mass. 1885.
Hosiery makers, . . . .	\$35.75 Cal. 1885.	\$26.90 Conn. 1887.	\$18.00 Cal. 1885, 1886, 1888, 1890. Conn. 1875. Mass. 1885. Mich. 1886. Pa. 1880, 1888. Wis. 1886.	\$9.60 Pa. 1886. Eng. 1861, 1866, 1877, 1880.	\$0.90 Eng. 1886.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
Hosiery and Knit Goods — Con.					
Knitters, . . . .	\$25.00 N. Y. 1888.	\$20.00 N. J. 1886, 1888.	\$13.50 Mass. 1885.	\$7.50 Mass. 1883, 1891. Mo. 1885. N. J. 1885, 1888. N. Y. 1888.	\$1.44 Eng. 1861.
Overseers, . . . .	\$36.00 Mass. 1885.	\$30.00 Mass. 1891. N. Y. 1888.	\$20.04 Pa. 1880.	\$12.00 Cal. 1888. N. J. 1883. N. Y. 1886, 1888.	\$4.62 Mass. 1885.
Packers, . . . .	\$13.50 N. Y. 1888.	\$10.50 N. J. 1886.	\$8.50 N. J. 1888.	\$6.00 N. Y. 1888.	\$3.51 Mass. 1885.
Seamers, . . . .	\$15.00 N. Y. 1888.	\$11.76 Mass. 1891.	\$8.07 N. Y. 1888.	\$4.72 Conn. 1887.	\$1.65 Eng. 1866.
Spinners, . . . .	\$18.00 Mass. 1883. N. Y. 1888.	\$15.00 N. Y. 1887, 1888. Pa. 1888.	\$10.50 N. Y. 1883- 1885.	\$6.75 Mass. 1885.	\$3.00 Pa. 1888.
<b>IVORY, BONE, SHELL, AND HORN GOODS, ETC.</b>					
Turners, . . . .	\$24.00 Cal. 1888.	\$18.00 Cal. 1888. N. Y. 1888.	\$13.00 N. Y. 1888.	\$7.14 Ger. 1870- 1874.	\$2.00 N. J. 1884.
<b>LEATHER.</b>					
Bark grinders, . .	\$13.00 Pa. 1888.	\$10.00 Mass. 1885.	\$7.20 Cal. 1886. Pa. 1874, 1885.	\$4.50 N. Y. 1850- 1859, 1861. Pa. 1876- 1890.	\$1.50 Pa. 1879.
Beamsters, . . . .	\$18.75 Mass. 1885.	\$14.40 Cal. 1886.	\$10.50 Cal 1877- 1880, 1885. Ky. 1876- 1878. Mo. 1877, 1878. N. H. 1873- 1875. N. Y. 1865- 1867, 1885. Pa. 1870, 1874, 1875, 1877, 1878, 1881. W. Va. 1870- 1873.	\$6.48 Ohio 1856.	\$2.16 Eng. 1871.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
LEATHER — Con.					
Belt makers, . . .	\$25.00 Mass. 1891.	\$20.00 Cal. 1886. Mass. 1885.	\$14.00 Mo. 1880.	\$8.75 N. H. 1880.	\$2.85 Ger. 1873- 1878.
Blackers, . . .	\$15.00 N. J. 1886.	\$13.50 Pa. 1888.	\$10.50 Pa. 1888.	\$7.80 Pa. 1877.	\$3.00 Pa. 1879.
Curriers, . . .	\$30.00 Cal. 1884.	\$25.00 N. J. 1888.	\$17.00 Pa. 1888.	\$10.50 Mass. 1885. N. Y. 1856- 1859. Ohio 1863, 1881. Pa. 1877, 1883, 1888.	\$4.20 N. Y. 1850- 1854.
Dressers, . . .	\$30.00 Pa. 1871.	\$21.00 Conn. 1875.	\$16.00 Mass. 1885.	\$9.00 Mass. 1891. W. Va. 1870- 1873.	\$2.10 Fr. 1873.
Finishers, . . .	\$21.00 Mass. 1885.	\$16.50 N. J. 1888.	\$12.06 Ohio 1882.	\$7.80 N. Y. 1858.	\$3.60 Eng. 1883.
Rollers, . . .	\$21.00 Ky. 1876, 1877.	\$16.50 Cal. 1866, 1885, 1886. Ohio 1881.	\$12.96 Ohio 1864, 1865.	\$9.00 N. Y. 1862, 1867-1880, 1885, 1888. Pa. 1876, 1880, 1885, 1888.	\$4.86 N. Y. 1856- 1861.
Scourers, . . .	\$19.00 Ill. 1886.	\$14.00 Ill. 1882- 1884, 1886, 1888.	\$12.48 Mass. 1885.	\$9.00 Mass. 1885, 1891.	\$5.52 Mass. 1885.
Shavers, . . .	\$30.00 Mass. 1885.	\$24.00 N. Y. 1888.	\$16.62 N. Y. 1876.	\$10.50 Cal. 1880, 1881. N. Y. 1856- 1859.	\$4.32 Ive. 1877.
Skivers, . . .	\$24.00 Mass. 1885.	\$21.00 Mass. 1891.	\$15.00 Mass. 1885.	\$10.00 Mass. 1891.	\$5.00 Mass. 1885.
Splitters, . . .	\$35.00 N. J. 1888.	\$28.00 Mass. 1885.	\$19.00 Ill. 1882- 1884, 1886.	\$10.62 Pa. . 1879.	\$2.40 Eng. 1883.
Tanners, . . .	\$30.00 Pa. 1876.	\$24.00 Cal. 1885. Mich. 1886. Pa. 1876- 1879, 1888. Wis. 1888.	\$16.00 Ill. 1884. Mass. 1885.	\$9.00 Ill. 1882. Ind. 1881. Ky. 1882. Md. 1882, 1885. Mass. 1860, 1891. Mich. 1883, 1884.	\$1.74 Fr. 1885.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
Manufactures — Con. LEATHER — Con. Tanners — Con.				N. Y. 1887, 1889. N. C. 1887, 1890. Ohio 1882, 1887. Pa. 1881, 1884. Wis. 1880- 1884, 1886.	
Whiteners, . . .	\$21.00 Cal. 1888. Mo. 1882- 1884.	\$18.00 Mass. 1885.	\$12.00 Mass. 1837, 1838, 1891.	\$7.50 Mass. 1837, 1838.	\$3.00 Cal. 1884.
Yard hands, . . .	\$19.80 Pa. 1878.	\$16.00 Mass. 1885.	\$11.25 Pa. 1871- 1873.	\$7.20 N. Y. 1857, 1874. Pa. 1885.	\$3.00 N. Y. 1852, 1853, 1855, 1860-1863.
LIQUORS: MALT, DIS- TILLED, AND FER- MENTED.					
Bottlers, . . .	\$20.00 N. Y. 1888.	\$15.00 Mass. 1885. N. Y. 1888. Wis. 1886.	\$11.40 Mich. 1884.	\$7.00 Mass. 1885.	\$2.40 Wis. 1886,
Bottle washers, . . .	\$12.00 Mass. 1885, 1891.	\$10.00 Mass. 1885.	\$7.00 Mass. 1891.	\$4.50 Ohio 1887.	\$2.00 N. Y. 1883.
Brewers and maltsters,	\$48.00 Mass. 1891.	\$34.62 Cal. 1884.	\$24.00 Ohio 1887.	\$12.50 N. J. 1885. N. Y. 1883, 1884, 1886.	\$1.06 Ger. 1885.
Firemen, . . .	\$23.07 N. Y. 1888.	\$18.00 Pa. 1888.	\$12.96 Mo. 1890.	\$7.50 Mass. 1891. Pa. 1883.	\$2.70 <i>Bohemia</i> 1885.
Kettlemen (brewery), .	\$20.00 N. Y. 1888.	\$17.07 N. Y. 1888.	\$14.00 Mass. 1860, 1883, 1891. N. Y. 1888.	\$11.00 N. Y. 1888.	\$8.00 N. Y. 1888.
LUMBER.					
Edgers, . . .	\$21.00 Mich. 1884.	\$18.00 Mich. 1883, 1884. Ohio 1887.	\$13.50 Mass. 1891. Pa. 1888.	\$9.60 Mich. 1884.	\$6.00 Mass. 1885.
Firemen, . . .	\$27.00 Mich. 1884.	-	\$15.00 Mich. 1884, 1885. Mo. 1890. Pa. 1879, 1888.	\$9.75 Mich. 1885.	\$4.32 Mo. 1890.



## BRANCHES OF EMPLOYMENT. RECAPITULATION—Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High.	Medium High	Medium	Medium Low	Low
<b>Manufactures—Con.</b>					
LUMBER—Con.					
Matchers, . . . .	\$22.50	\$18.00	\$13.50	\$9.00	\$4.50
Ohio 1866-1871.		Ind. 1873-1875.	Ind. 1877, 1878.	Ind. 1871.	Mass. 1885.
		Ky. 1865-1867.	Ky. 1864, 1874, 1875, 1880.	Iowa 1869-1873.	N. C. 1855, 1856.
		Ohio 1864, 1877, 1878.	Mass. 1869-1874.	Ky. 1853, 1854, 1856.	Va. 1886.
		Tex. 1879, 1880.	N. Y. 1867, 1868, 1872, 1877-1880.	Mass. 1876-1879, 1891.	
			Tenn. 1878-1880.	Mich. 1874, 1876-1880.	
			Tex. 1872-1874, 1876-1880.	N. C. 1866-1877.	
				Ohio 1858-1876.	
				Wis. 1873, 1874, 1877, 1878.	
<b>Sawyers, . . . .</b>	\$36.00	\$27.00	\$18.88	\$10.02	\$1.20
Mich. 1884.		Mich. 1872, 1883.	Mass. 1891.	Mich. 1858.	It. 1873.
Wis. 1888.		Ohio 1874, 1875.			
<b>MACHINES AND MA- CHINERY.</b>					
Boiler makers, . . .	\$30.00	\$24.00	\$16.80	\$10.00	\$3.30
Cal. 1884, 1885.		Cal. 1884, 1885.	Ill. 1875.	Mass. 1883.	Swe. 1881.
Mo. 1879.		Ind 1864.	Ind. 1875.	N. J. 1883, 1885.	
N. Y. 1888.		Iowa 1887.	Mo. 1874.	N. Y. 1875-1878.	
Ohio 1872.		Mich. 1883, 1884, 1891.			
		N. Y. 1888.			
		Teun. 1874.			
		Wis. 1882-1884.			
<b>Boiler makers' helpers,</b>	\$15.00	\$12.00	\$8.40	\$5.25	\$1.92
Colo. 1888.		Cal. 1886.	Mass. 1885.	Mich. 1854.	Eng. 1863.
Pa. 1876.		Mass. 1885.	N. H. 1876, 1877, 1880.		
		N. Y. 1888.	N. Y. 1880.		
		Pa. 1864, 1866, 1867, 1869-1872, 1878-1880.	Ohio 1876, 1882.		
			Pa. 1874, 1876.		

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
MACHINES AND MA- CHINERY — Con.					
Cleaners (castings), .	\$15.00 N. Y. 1888.	\$12.00 Conn. 1870- 1874. Mass. 1885, 1891. N. Y. 1869- 1876, 1888. Ohio 1885.	\$9.00 Conn. 1868- 1870, 1875- 1880. Ill. 1861- 1863, 1867- 1873, 1875, 1878-1880. Ind. 1870- 1873, 1877- 1880. Mass. 1861, 1862, 1875- 1880, 1883, 1891. Mo. 1850- 1880.	\$6.00 Ill. 1850- 1855, 1886. Ind. 1853- 1860, 1875- 1880. Mass. 1891. Pa. 1888.	\$3.00 Ohio 1887.
Engineers, . . . .	\$36.00 Ind. 1872.	\$23.80 Ind. 1876.	\$19.80 Ind. 1879.	\$11.70 N. J. 1888.	\$3.84 Ohio 1862- 1869.
Flangers, . . . .	\$21.00 N. J. 1885. N. Y. 1871- 1876.	\$17.50 Pa. 1877.	\$14.20 Pa. 1878.	\$10.80 Pa. 1877.	\$7.20 Eng. 1883.
Foremen, . . . .	\$50.00 Mass. 1883. Ohio 1886.	\$40.00 Cal. 1886. Mass. 1891. Ohio 1877, 1880, 1884, 1886.	\$28.85 Mass. 1876- 1878.	\$18.00 Mass. 1861- 1863, 1885. Mich. 1884. Mo. 1879. N. Y. 1872- 1875. Ohio 1877, 1881, 1883. Pa. 1878, 1879.	\$7.14 Ger. 1885.
Lathe operators, .	\$24.00 Mass. 1885. N. Y. 1888.	\$18.90 N. Y. 1883.	\$13.20 G. B. 1886.	\$7.20 Pa. 1880.	\$1.22 G. B. 1883.
Machinists, . . . .	\$42.00 Iowa 1837. N. Y. 1888.	\$30.00 Cal. 1885, 1888. Conn. 1874. Iowa 1885, 1887. Md. 1880.	\$21.92 Pa. 1878.	\$12.00 Cal. 1884- 1886, 1888. Conn. 1850- 1859, 1861, 1863, 1886. Del. 1885.	\$2.19 G. B. 1883.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
MACHINES AND MA- CHINERY — CON.					
Machinists — Con.		Mass. 1885. N. J. 1883. N. C. 1888. Pa. 1883. Wis. 1888.		Ill. 1874- 1876, 1880, 1881, 1884, 1885. Ind. 1860, 1866-1876, 1881. Iowa 1872. Kans. 1887, 1890. Ky. 1874, 1877, 1878, 1886. Me. 1864, 1874, 1876- 1879, 1888. Md. 1876- 1878, 1880. 1885, 1886. Mass. 1837, 1851-1854, 1856-1859, 1861-1864, 1886. Mich. 1870- 1873, 1880, 1885, 1890. Mo. 1863, 1872, 1878, 1879, 1882- 1884. N. H. 1864, 1865, 1867, 1871-1873, 1878, 1879, 1886. N. J. 1871, 1877, 1879, 1891. N. Y. 1835, 1845, 1848- 1870, 1873, 1877, 1880, 1885. N. C. 1886- 1888.	

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b> <b>MACHINES AND MA-</b> <b>CHINERY — Con.</b> <b>Machinists — Con.</b>				Ohio 1860, 1861, 1865- 1871, 1873, 1874, 1876, 1885, 1886. Pa. 1862, 1866, 1867, 1871, 1881, 1884, 1888. R. I. 1874- 1880, 1888. Tenn. 1870- 1880. Vt. 1863, 1868, 1869, 1874. W. Va. 1867, 1880. Wis. 1865, 1873, 1874, 1880, 1881. Can. 1882, 1888.	
Machinists' helpers,	\$15.00	\$11.55	\$8.10	\$4.80	\$1.32
	Cal. 1886.	N. J. 1882.	Mass. 1883.	N. Y. 1870.	Belg. 1886.
	Mass. 1891.		Mo. 1879,		
	N. Y. 1888.		1880.		
	Pa. 1888.		N. H. 1867- 1869.		
			Pa. 1888.		
Millwrights,	\$42.00	\$30.00	\$21.72	\$11.70	\$1.80
	Wis. 1880- 1884.	Cal. 1861- 1874, 1879, 1884.	Mo. 1878.	N. J. 1876.	Russ. 1885.
		Colo. 1874- 1878, 1880.			
		Ill. 1888.			
		Ky. 1886.			
		Mass. 1891.			
		Mich. 1883, 1884, 1891.			
		N. Y. 1888.			
		Ohio 1881.			
		Pa. 1873- 1880, 1888.			
		Wis. 1879, 1880, 1888.			

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
MACHINES AND MA- CHINERY — Con.					
Molders, . . . .	\$42.00 N. Y. 1888.	\$30.00 Ohio 1872.	\$24.00 Mass. 1883. Mich. 1891. N. Y. 1888. Ohio 1877, 1883. Pa. 1876.	\$14.22 Ohio 1882.	\$4.50 N. Y. 1824, 1825.
Pump makers, . . .	\$25.00 N. Y. 1888.	\$21.00 Conn. 1875. N. J. 1864- 1866. N. Y. 1888.	\$15.00 Ill. 1879. Mass. 1885, 1891. N. J. 1874- 1877, 1879, 1880. Ohio 1887.	\$10.50 Ind. 1881. N. J. 1836, 1858, 1881. N. Y. 1888.	\$6.00 Ill. 1879. N. J. 1881. N. Y. 1888.
Riveters, . . . .	\$22.80 Pa. 1873.	\$17.22 Pa. 1879.	\$11.57 Mass. 1891.	\$6.33 G. B. 1883.	\$1.20 Eng. 1878, 1879.
<b>METALS AND METALLIC GOODS.</b>					
Anneallers, . . . .	\$17.50 N. J. 1884.	\$15.00 Pa. 1877, 1888.	\$12.00 Mass. 1883, 1885, 1891. N. Y. 1886. Pa. 1878, 1888.	\$9.00 Mass. 1885, 1891. Pa. 1877, 1888.	\$6.96 Pa. 1879. Eng. 1880.
Blacksmiths, . . .	\$48.00 N. Y. 1888.	\$36.00 Iowa 1887.	\$24.75 Mo. 1879.	\$12.96 Me. 1880.	\$1.15 China 1889.
Blacksmiths' helpers, .	\$18.00 Cal. 1888. N. J. 1883.	\$13.80 N. J. 1884.	\$9.48 Mass. 1883.	\$5.25 N. Y. 1851- 1853. Pa. 1861.	\$1.00 Ger. 1888.
Brass finishers, . . .	\$40.00 N. Y. 1888.	\$30.00 Cal. 1884.	\$21.00 Cal. 1884. Conn. 1888. Mass. 1885. Mich. 1884. N. Y. 1883- 1886, 1888, 1889.	\$11.51 Ohio 1878.	\$2.00 Mich. 1884.
Braziers, . . . .	\$16.50 Mass. 1891.	\$12.00 Mass. 1891.	\$9.00 Mass. 1891. N. Y. 1886.	\$5.17 Prussia 1884.	\$1.92 It. 1884.
Buffers, . . . .	\$30.00 Mass. 1885.	\$26.00 Mass. 1891.	\$18.00 Mass. 1885. N. Y. 1888.	\$10.50 Conn. 1874. Mass. 1891. Mich. 1886.	\$3.00 Mich. 1891.



## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con. METALS AND METALLIC GOODS — Con.</b>					
Burnishers, . . . .	\$26.00 Mass. 1891.	\$20.00 N. Y. 1888.	\$13.50 N. Y. 1888.	\$7.50 Mass. 1891.	\$1.68 Eng. 1840, 1866, 1868, 1871, 1880.
Casters, . . . .	\$30.00 Mich. 1884.	\$24.00 N. Y. 1888.	\$16.00 N. Y. 1888.	\$9.72 Eng. 1878.	\$3.40 Ger. 1885.
Coppersmiths, . . .	\$22.00 Mass. 1891.	\$25.00 Mass. 1885. N. J. 1883.	\$16.50 Mass. 1885. Mich. 1891. Mo. 1882. N. J. 1863, 1878, 1881. N. Y. 1888.	\$8.84 Russ. 1885.	\$1.06 Ger. 1865.
Core makers, . . .	\$30.00 N. J. 1873.	\$22.50 Cal. 1886. N. J. 1886.	\$16.00 N. J. 1884.	\$9.00 Del. 1886. Ill. 1886. Ind. 1860- 1863, 1871- 1873, 1874, 1876-1880. Md. 1885. Mass. 1883. Mich. 1884. Mo. 1890. N. J. 1883, 1884. Ohio 1876, 1877, 1879, 1880, 1882, 1884, 1885. Pa. 1860. W. Va. 1879.	\$2.00 Mass. 1883.
Cupolamen, . . . .	\$30.00 Pa. 1886.	\$27.00 Ill. 1882- 1886.	\$18.00 Ill. 1882. Ind. 1880. N. Y. 1888. Pa. 1888.	\$11.54 Mo. 1870- 1873.	\$5.58 N. Y. 1886.
Die makers and sinkers,	\$40.38 Mass. 1885.	\$30.60 N. Y. 1888.	\$24.00 Mass. 1885, 1891. N. Y. 1888.	\$15.00 N. J. 1884. N. Y. 1888.	\$6.00 Mass. 1891. N. Y. 1888.
Drillers, . . . .	\$30.00 Mass. 1891. N. Y. 1888.	\$24.00 Mass. 1891.	\$16.98 N. Y. 1888.	\$9.84 Eng. 1883.	\$2.10 Eng. 1880.
Enamellers, . . . .	\$24.00 N. J. 1888.	\$18.00 Mass. 1891. N. Y. 1888.	\$12.00 Mass. 1885, 1891. N. J. 1882.	\$7.50 N. J. 1888.	\$1.21 G. B. 1880.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>METALS AND METALLIC GOODS — Con.</b>					
Engineers, . . . .	\$42.00 Ky. 1871- 1875.	\$34.50 Pa. 1886.	\$22.75 Ohio 1876.	\$13.08 Pa. 1888.	\$3.36 <i>Eng.</i> 1863.
Engravers, . . . .	\$30.00 Cal. 1886, 1888. N. Y. 1888.	\$23.07 Mass. 1885.	\$15.00 Cal. 1886, 1888. Mass. 1885, 1891. N. Y. 1888. R. I. 1888. Wis. 1888.	\$8.52 <i>G. B.</i> 1883.	\$2.52 <i>Bohemia</i> 1885.
Feeders, . . . .	\$18.00 N. Y. 1886.	\$14.16 Ohio 1886.	\$10.56 Pa. 1877. W. Va. 1873.	\$6.78 Pa. 1883.	\$3.00 Mass. 1885. N. J. 1886. N. Y. 1888.
Finishers, . . . .	\$36.00 N. Y. 1888.	\$27.00 N. J. 1886. N. Y. 1888.	\$18.00 Conn. 1874. Md. 1885. Mass. 1891. Mich. 1884. N. Y. 1880.	\$9.60 <i>Eng.</i> 1857.	\$1.46 <i>G. B.</i> 1883.
Firemen, . . . .	\$21.00 Pa. 1888.	\$15.00 Conn. 1887. Ill. 1873. Mass. 1885. N. Y. 1887, 1888. Tenn. 1871- 1873.	\$11.40 Mo. 1876. Pa. 1866.	\$6.72 Pa. 1860, 1876.	\$2.00 <i>Bohemia</i> 1885.
Foremen, . . . .	\$77.00 N. J. 1885.	\$58.27 Ohio 1884.	\$41.52 N. Y. 1888.	\$24.00 Conn. 1886, 1870-1874. Kans. 1890. Mass. 1870- 1878, 1880, 1883. Mich. 1884, 1891. Mo. 1882. N. Y. 1886. Pa. 1872- 1880.	\$6.00 <i>Belgium</i> 1886.
Forgers, . . . .	\$36.00 N. Y. 1888.	\$28.80 <i>Eng.</i> 1883.	\$19.00 Mass. 1891.	\$10.50 Mass. 1863. Pa. 1876.	\$1.68 <i>Eng.</i> 1866.
Founders, . . . .	\$48.12 Ky. 1880.	\$34.62 Ohio 1869- 1872. W. Va. 1878.	\$24.55 N. Y. 1873.	\$12.80 N. Y. 1864, 1865.	\$1.06 <i>Ger.</i> 1865.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>METALS AND METALLIC GOODS — Con.</b>					
Furnacemen, . . .	\$30.00 Mass. 1891.	\$21.00 Colo. 1888.	\$15.90 Mass. 1885.	\$9.18 Pa. 1888.	\$2.34 <i>Austria</i> 1885.
Galvanizers, . . .	\$19.50 Mich. 1891.	\$16.50 Mass. 1891. Mo. 1884.	\$13.32 Mo. 1890.	\$9.60 Conn. 1872, 1874-1877. Mass. 1891.	\$6.00 Mass. 1891. Ohio 1887. <i>Eng.</i> 1839, 1849, 1859.
Gold beaters, . . .	\$24.00 N. Y. 1837.	\$20.00 Mass. 1891.	\$14.00 Cal. 1885, 1886, 1888. Mass. 1885. Pa. 1871.	\$8.00 Mass. 1885. Ohio 1884.	\$2.40 <i>It.</i> 1884.
Grinders (castings), .	\$15.00 N. J. 1888. Pa. 1871- 1873, 1879, 1880.	\$12.00 Mich. 1886, 1891. N. Y. 1888. Ohio 1885. <i>Eng.</i> 1871, 1874.	\$9.00 Conn. 1868, 1869. Ill. 1870- 1873, 1878, 1879, 1886. Ind. 1877, 1878. Mass. 1861, 1862, 1865, 1877, 1878, 1880, 1891. Mo. 1887. N. Y. 1869, 1873-1878, 1886, 1888.	\$6.00 Ill. 1850, 1852-1855. Mich. 1891. N. Y. 1870- 1872, 1877, 1880. <i>Eng.</i> 1871.	\$3.00 Mo. 1887.
Hafters, . . .	\$21.00 Mass. 1883.	\$13.50 Mass. 1885.	\$12.00 Mass. 1883, 1885, 1891. N. Y. 1888.	\$7.20 <i>Eng.</i> 1857, 1883.	\$2.43 <i>G. B.</i> 1883.
Hammermen, . . .	\$42.00 N. Y. 1888. Pa. 1874, 1876.	\$32.50 N. J. 1888.	\$21.60 N. Y. 1886.	\$11.40 Mo. 1890.	\$1.22 <i>G. B.</i> 1883.
Heaters, . . .	\$50.00 Ohio 1880, 1884.	\$37.80 Pa. 1891. Tenn. 1874.	\$25.80 Pa. 1888.	\$13.50 Mich. 1886. N. Y. 1860, 1888. Ohio 1888. Pa. 1871. R. I. 1887, 1888.	\$1.44 <i>Eng.</i> 1883.
Heaters' helpers, . .	\$24.00 Pa. 1876.	\$18.12 Pa. 1888.	\$13.50 Ill. 1875, 1876. N. Y. 1871- 1873.	\$8.23 N. J. 1888.	\$3.00 Pa. 1876, 1879.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>METALS AND METALLIC GOODS — Con.</b>					
Heaters' helpers — Con.			Ohio 1886, 1887. Pa. 1875- 1878, 1886, 1888. Tenn. 1875, 1876.		
Horseshoers, . . .	\$27.00 N. Y. 1887, 1888.	\$20.25 Ill. 1882, 1883, 1885.	\$14.10 Ohio 1880.	\$7.50 N. J. 1883. Scot. 1876- 1878.	\$1.20 <i>Austria</i> 1884, 1886.
Iron workers, . . .	\$35.00 Ohio 1872.	\$27.00 Cal. 1886, 1888. N. Y. 1887. Pa. 1884.	\$18.90 Mass. 1891.	\$10.50 Cal. 1888. Ill. 1886. Mich. 1884, 1891. Mo. 1882, 1883. N. J. 1872, 1879. Pa. 1879.	\$2.00 Mich. 1884.
Japanners, . . .	\$24.00 N. Y. 1888. Ohio 1887.	\$18.70 Mass. 1891.	\$13.04 Mass. 1891.	\$7.10 Mass. 1891.	\$1.06 <i>Ger.</i> 1865.
Lacquerers, . . .	\$22.50 N. J. 1884.	\$16.00 Mass. 1883.	\$11.00 N. Y. 1888.	\$5.68 Conn. 1887.	\$0.96 <i>Eng.</i> 1866.
Locksmiths, . . .	\$30.00 Cal. 1884.	\$24.00 Mass. 1883, 1891.	\$16.00 Mass. 1883.	\$3.10 <i>Fr.</i> 1881, 1882.	\$1.06 <i>Ger.</i> 1865.
Machine tenders, . . .	\$30.00 Mass. 1891.	\$24.00 Mass. 1891. R. I. 1888.	\$16.50 Mass. 1885. N. Y. 1871- 1875. Ohio 1883.	\$9.86 Conn. 1877.	\$3.00 N. Y. 1888.
Melters, . . .	\$39.00 Pa. 1887.	\$30.00 Pa. 1888.	\$21.00 Mass. 1885. N. J. 1883. N. Y. 1888. Pa. 1880.	\$11.76 Pa. 1873.	\$2.40 <i>Bohemia</i> 1885.
Melters' helpers, . . .	\$20.00 Mass. 1891.	\$15.00 Pa. 1880.	\$12.00 Conn. 1871- 1876. Ill. 1862- 1867. N. Y. 1876, 1888. Pa. 1880.	\$7.50 Ill. 1850- 1854. Mass. 1863, 1885. N. Y. 1870, 1871, 1880.	\$3.12 <i>Belg.</i> 1886.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>METALS AND METALLIC GOODS — Con.</b>					
Metal workers, . . .	\$41.10 Ill. 1852.	\$30.00 Cal. 1855. Ohio 1872, 1886. Wis. 1886.	\$21.00 Conn. 1875. Ill. 1886. Mass. 1883. N. J. 1885. Pa. 1871.	\$11.00 Mass. 1883.	\$1.33 Ger. 1885.
Molders, . . .	\$40.92 Pa. 1873.	\$31.50 N. Y. 1872.	\$21.36 Pa. 1878.	\$11.50 Eng. 1885.	\$1.62 Austria 1885.
Molders' helpers, . .	\$19.50 N. Y. 1888.	\$15.00 Nebr. 1887. N. Y. 1888.	\$10.50 Ill. 1874- 1876. Ind. 1858. Kans. 1867, 1868. Ky. 1879. Mass. 1891. Mich. 1865, 1867, 1891. Nebr. 1887. N. Y. 1867- 1870, 1874, 1875. Ohio 1884, 1885. Pa. 1872, 1873.	\$6.00 Ind. 1853- 1860. Ky. 1886. Me. 1860. Mass. 1891. Mich. 1854- 1856, 1891. Mo. 1857- 1860, 1862. N. H. 1878- 1880. N. Y. 1866- 1868, 1873- 1880. Ohio 1850- 1853. Pa. 1874- 1877. Tenn. 1886.	\$1.70 G. B. 1883.
Nail makers, . . .	\$68.00 Ohio 1885.	\$50.88 Ohio 1886.	\$34.50 Ohio 1881.	\$17.82 Pa. 1881.	\$1.14 Fr. 1885.
Needle makers, . . .	\$18.00 Conn. 1875. Mass. 1885.	\$14.00 N. J. 1888.	\$10.50 Conn. 1875.	\$8.00 Mass. 1885.	\$4.15 Prussia 1885.
Packers, . . .	\$36.00 Ohio 1886.	\$25.80 Pa. 1873- 1880.	\$18.00 Conn. 1877- 1880. Mass. 1866, 1883.	\$10.50 Conn. 1867, 1871. Mass. 1862, 1863, 1891. Pa. 1875- 1877, 1882.	\$3.00 Mass. 1885. N. J. 1885.
Planers (iron), . . .	\$21.00 Mass. 1885.	\$16.50 Mass. 1885. N. J. 1885.	\$12.00 N. J. 1884. N. Y. 1888.	\$7.50 N. J. 1885. N. Y. 1888.	\$3.45 Ger. 1885.
Polishers, . . .	\$27.96 N. Y. 1886.	\$21.00 Mass. 1885. Mich. 1891.	\$15.00 Conn. 1874, 1875.	\$8.64 Eng. 1860.	\$2.38 Prussia 1882, 1884.



## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
Manufactures — Con. METALS AND METALLIC GOODS — Con. Polishers — Con.		N. J. 1882. N. Y. 1888.	Ill. 1882, 1883, 1886, Mass. 1883, 1886, 1891. Mo. 1887. N. J. 1882, 1888. N. Y. 1868- 1880. Ohio 1882. Pa. 1871- 1873, 1879, 1880.		
Puddlers, . . . .	\$69.60 Tenn. 1871- 1873.	-	\$35.00 Ohio 1872.	\$18.18 Ohio 1882. Pa. 1882.	\$1.28 <i>Eng.</i> 1866.
Rollers, . . . .	\$48.00 Ohio 1878.	\$36.00 N. Y. 1886, 1888. Ohio 1883. Wis. 1880.	\$25.00 Mass. 1885. N. J. 1883, 1884. Ohio 1880, 1881.	\$13.50 Mass. 1875. N. J. 1875. Tenn. 1874.	\$2.16 <i>Eng.</i> 1880.
Roughers, . . . .	\$45.00 Ohio 1872.	\$34.08 Pa. 1883.	\$24.60 N. J. 1888.	\$14.46 N. Y. 1888.	\$4.50 Mass. 1885.
Screw makers, . . .	\$18.00 Conn. 1875. Ill. 1886.	\$12.00 Conn. 1875. Mass. 1891. N. Y. 1868- 1880, 1888. Ohio 1887.	\$10.50 Mass. 1885.	\$7.50 Conn. 1875. Mass. 1885, 1891.	\$3.60 Conn. 1881.
Silversmiths, . . .	\$36.00 N. Y. 1887, 1888.	\$27.00 Pa. 1871.	\$21.00 N. Y. 1887.	\$13.50 Mass. 1891.	\$4.80 <i>Fr.</i> 1878. <i>It.</i> 1884.
Solderers, . . . .	\$25.00 Mass. 1891.	\$21.00 Mass. 1891.	\$14.15 Mass. 1885.	\$9.00 Cal. 1888. Conn. 1874, 1888. Mass. 1885. N. J. 1879, 1884. N. Y. 1888.	\$3.19 Mass. 1891.
Stampers, . . . .	\$23.40 Mass. 1885.	\$18.00 Mass. 1891.	\$13.50 Conn. 1887. Mass. 1885.	\$7.25 <i>Eng.</i> 1885.	\$1.80 <i>Eng.</i> 1866.
Stockers, . . . .	\$34.02 Ky. 1869.	\$27.00 Ky. 1870.	\$19.50 Ky. 1873- 1876. Mass. 1891.	\$11.70 N. Y. 1886.	\$3.60 <i>Eng.</i> 1840, 1843, 1844, 1849.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>METALS AND METALLIC GOODS — Con.</b>					
Straighteners, . . .	\$64.80 Tenn. 1872, 1873.	\$46.80 Tenn. 1874.	\$31.80 Pa. 1883.	\$18.00 N. Y. 1888.	\$3.12 N. Y. 1871.
Tack makers, . . .	\$68.00 Ohio 1885.	\$50.88 Ohio 1886.	\$34.50 Ohio 1881.	\$17.82 Pa. 1881.	\$1.14 <i>Fr.</i> 1885.
Temperers, . . .	\$36.00 Conn. 1874.	\$28.50 Conn. 1879.	\$21.00 Mass. 1865- 1873.	\$12.75 N. Y. 1874, 1875, 1880.	\$4.32 <i>Eng.</i> 1839, 1849.
Tin and sheet iron work- ers, . . . . .	\$36.00 Pa. 1865.	\$27.00 Cal. 1886, 1888.	\$20.50 R. I. 1888.	\$12.60 Pa. 1875, 1880.	\$4.80 <i>Scot.</i> 1878.
Tinsmiths, . . .	\$30.00 Cal. 1886, 1888. Mass. 1891.	\$22.50 N. J. 1873.	\$15.60 Ill. 1886.	\$8.27 <i>Eng.</i> 1885. <i>G. B.</i> 1883.	\$1.06 <i>Ger.</i> 1865.
Tinware makers, . .	\$30.00 Ill. 1882- 1884. Mass. 1883.	\$22.50 Ill. 1882.	\$15.50 Mass. 1891.	\$9.00 Cal. 1885, 1886, 1888. Md. 1882, 1885. N. Y. 1888.	\$3.00 Cal. 1888.
Trimmers, . . .	\$36.00 Pa. 1888.	\$25.00 Mass. 1891.	\$18.00 Del. 1886. Ill. 1886. Mich. 1891.	\$10.68 Conn. 1886.	\$4.00 Mass. 1891.
Turners, . . .	\$75.00 Pa. 1874, 1875.	\$53.40 Pa. 1876.	\$36.00 Ohio 1887.	\$19.00 N. Y. 1875.	\$2.16 <i>It.</i> 1884.
Weavers (wire cloth),	\$30.00 Mass. 1885.	\$21.00 Cal. 1888. N. Y. 1888.	\$15.00 Cal. 1888. N. Y. 1888.	\$9.00 N. Y. 1888. Wis. 1888.	\$2.85 <i>Ger.</i> 1873- 1878. <i>Saxony</i> 1873-1878.
Weighers, . . .	\$22.50 Pa. 1876.	\$18.00 Pa. 1888.	\$12.84 Pa. 1865.	\$7.98 N. Y. 1886.	\$3.12 <i>Scot.</i> 1883.
Wire drawers, . . .	\$30.00 N. Y. 1888.	\$24.00 N. Y. 1888.	\$16.20 Mass. 1885. Pa. 1887.	\$10.12 Conn. 1887.	\$4.00 N. J. 1883.
Wire workers, . . .	\$28.00 Cal. 1885.	\$21.00 Cal. 1885.	\$15.00 Mass. 1883. Mich. 1891. Mo. 1882, 1883, 1887.	\$8.64 <i>Austria</i> 1889.	\$2.00 Mass. 1891.
<b>MIXED TEXTILES.</b>					
Weavers, . . .	\$24.00 Mass. 1891.	\$16.50 Pa. 1888.	\$12.00 Mass. 1891. Pa. 1871, 1887, 1888.	\$6.70 Mass. 1885.	\$1.44 <i>Ire.</i> 1860.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High.	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
MODELS, LASTS, AND PATTERNS.					
Model makers, . . .	\$50.00 Mass. 1891.	\$36.00 Cal. 1885.	\$27.00 Cal. 1885. Conn. 1875. Mass. 1891. Ohio 1884, 1885.	\$14.69 Pa. 1870.	\$2.40 <i>Austria</i> 1885. <i>It.</i> 1884.
Pattern makers, . . .	\$50.00 Mass. 1891.	\$36.00 Cal. 1885.	\$27.00 Cal. 1885. Conn. 1875. Mass. 1891. Ohio 1884, 1885.	\$14.69 Pa. 1870.	\$2.40 <i>Austria</i> 1885. <i>It.</i> 1884.
<b>MUSICAL INSTRUMENTS AND MATERIALS.</b>					
Action makers (or- gans), . . .	\$26.00 N. Y. 1888.	\$21.00 Mass. 1871, 1877. N. Y. 1888.	\$15.00 Mass. 1865- 1867, 1880, 1891. N. H. 1836, 1838, 1839, 1864-1866, 1876. N. J. 1882, 1884. N. Y. 1864, 1865.	\$9.60 N. H. 1856.	\$3.86 Mass. 1876.
Action makers (pianos),	\$26.00 N. Y. 1888.	\$21.00 Mass. 1871, 1877. N. Y. 1888.	\$15.00 Mass. 1865- 1867, 1880, 1891. N. H. 1836, 1838, 1839, 1864-1866, 1876. N. J. 1882, 1884. N. Y. 1864, 1865.	\$9.60 N. H. 1856.	\$3.86 Mass. 1876.
Action regulators (pi- anos and organs), . .	\$45.00 N. Y. 1888.	\$30.00 N. Y. 1888.	\$25.50 Mass. 1885.	\$14.18 Mass. 1880.	\$3.60 <i>It.</i> 1884.
Bellows makers (or- gans), . . .	\$25.00 Mass. 1891.	\$21.00 Cal. 1884.	\$15.00 Mo. 1884.	\$9.90 Mass. 1885.	\$6.00 Mass. 1885.
Case makers (pianos),	\$30.00 N. Y. 1888.	\$24.00 N. Y. 1888.	\$16.87 Mass. 1891.	\$10.35 Mass. 1859.	\$3.75 N. J. 1884.
Finishers (pianos), . .	\$40.00 N. Y. 1888.	\$30.00 N. Y. 1888.	\$22.00 N. J. 1883.	\$12.77 Mass. 1879.	\$3.57 <i>Ger.</i> 1865.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>MUSICAL INSTRUMENTS AND MATERIALS — CON.</b>					
Key makers (organs),	\$25.00 N. Y. 1888.	\$21.00 N. Y. 1888.	\$16.50 N. Y. 1883.	\$12.06 Mass. 1854.	\$7.98 Mass. 1843.
Key makers (pianos),	\$25.00 N. Y. 1888.	\$21.00 N. Y. 1888.	\$16.50 N. Y. 1883.	\$12.06 Mass. 1854.	\$7.98 Mass. 1843.
Sounding board makers (pianos), . . . .	\$32.40 Mass. 1885.	\$24.75 Mass. 1885.	\$21.00 N. Y. 1888.	\$15.84 Mass. 1869.	\$10.11 Mass. 1856.
Tuners (musical instru- ments), . . . .	\$36.00 Mass. 1875- 1878.	\$28.85 Mich. 1873.	\$20.64 Ohio 1882.	\$12.68 Mass. 1859.	\$4.80 Ger. 1887, 1888.
<b>PAPER AND PAPER GOODS.</b>					
Back tenders, . . .	\$11.00 Pa. 1866, 1867, 1870- 1875, 1880, 1888.	\$9.00 Conn. 1864- 1866. Mass. 1865, 1866, 1870, 1872-1875, 1877, 1878, 1885. N. J. 1861- 1880. N. Y. 1888. Ohio 1873- 1880. Pa. 1864, 1871.	\$7.00 Pa. 1863.	\$5.00 Ind. 1875- 1880. Pa. 1859, 1860, 1862.	\$3.00 Mass. 1861. Mich. 1867- 1877.
Bag makers (paper), .	\$26.00 Cal. 1886, 1888.	\$18.00 N. Y. 1888.	\$15.00 Cal. 1884.	\$7.50 Ohio 1882.	\$1.44 Ire. 1863.
Boiler tenders, . . .	\$15.90 Wis. 1888.	\$12.25 Mass. 1891.	\$9.00 Conn. 1887. Mass. 1886. Mo. 1890. N. J. 1884.	\$5.52 Eng. 1883.	\$2.16 Scot. 1883.
Calenderers, . . . .	\$21.60 Mass. 1886.	\$16.56 Mass. 1885.	\$12.18 Mass. 1878.	\$7.00 Pa. 1862.	\$1.68 Eng. 1868.
Color mixers, . . .	\$60.00 N. Y. 1888.	\$50.00 Mass. 1885.	\$30.00 N. Y. 1888.	\$16.50 Mass. 1891.	\$2.88 Scot. 1866.
Cutters, . . . .	\$20.00 N. Y. 1888.	\$15.00 Ind. 1874, 1875. Mass. 1885, 1891. N. Y. 1888.	\$10.50 Mass. 1886. N. Y. 1880.	\$6.32 Scot. 1885.	\$2.10 Ga. 1865.
Finishers, . . . .	\$24.00 Mass. 1869- 1880, 1891.	\$18.00 Conn. 1870- 1877.	\$13.00 Pa. 1865.	\$7.50 Ill. 1876- 1879.	\$1.92 Scot. 1883.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b> PAPER AND PAPER GOODS — Con. Finishers — Con.		Del. 1886. Mass. 1866- 1875. Mich. 1870- 1876. N. Y. 1870, 1872, 1880. Ohio 1873.		Me. 1871- 1875, 1880. Md. 1885. Mass. 1855, 1858, 1859, 1885. N. H. 1879. N. Y. 1856, 1857, 1860- 1862. Ohio 1881.	
Firemen, . . . .	\$15.00 Mass. 1867- 1873. Mich. 1884. Ohio 1873- 1876. Pa. 1888.	\$12.00 Conn. 1866- 1871, 1873- 1876. Del. 1864, 1870, 1880. Ga. 1864. Mass. 1866, 1871-1875, 1885, 1891. N. Y. 1872- 1880, 1888. Ohio 1878, 1880, 1881.	\$9.00 Conn. 1864, 1865. Ga. 1863. Ill. 1876. Ind. 1869- 1872, 1874- 1880. Me. 1878, 1879. Mass. 1865, 1869, 1872, 1876, 1877, 1886. Mich. 1884. N. J. 1861- 1864, 1866- 1869, 1876- 1880, 1883. N. Y. 1850- 1837, 1859- 1862, 1865- 1870, 1872- 1880, 1888. Ohio 1873- 1881. Va. 1871- 1876. Wis. 1864, 1865, 1868.	\$6.00 Conn. 1863. Ga. 1866, 1868-1878, 1880. Ind. 1874, 1875, 1880. Mass. 1861, 1885. N. H. 1864- 1870, 1873, 1874. N. Y. 1856- 1862. Pa. 1858- 1862, 1874, 1875, 1879. Wis. 1860- 1863. Eng. 1880. Scot. 1883.	\$3.00 Ga. 1865.
Folders, . . . .	\$11.00 Mass. 1891.	\$9.00 Ga. 1863. Mass. 1871, 1880, 1885, 1891.	\$7.00 Ind. 1874, 1875. Mass. 1876. N. Y. 1888.	\$5.00 N. Y. 1888.	\$3.00 Conn. 1850- 1854. Ga. 1860, 1862, 1866. Mass. 1861. Mich. 1884. N. Y. 1860, 1861, 1888.



## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
PAPER AND PAPER GOODS — Con.					
Foremen, . . .	\$60.00 Ga. 1864. Mass. 1874- 1880.	\$46.69 Conn. 1874.	\$32.00 N. Y. 1870.	\$18.46 N. Y. 1872- 1874.	\$4.80 Eng. 1863.
Loftmen, . . .	\$19.50 Mass. 1885.	\$15.78 N. Y. 1872.	\$12.00 Conn. 1879, 1880, 1887. Ind. 1874- 1876. Mass. 1866- 1876, 1891. N. Y. 1865, 1867, 1870.	\$8.22 Me. 1875.	\$4.50 N. Y. 1877.
Machine tenders, . . .	\$24.00 Mass. 1885.	\$19.50 Conn. 1873. Mass. 1872, - 1873, 1885, 1891.	\$13.50 Conn. 1866. Del. 1877. Ga. 1871, 1872. Me. 1876. Mass. 1873- 1880, 1891. N. H. 1876- 1880. N. J. 1884. N. Y. 1865- 1868, 1877- 1880. Ohio 1877- 1879, 1881. Pa. 1888. Va. 1877- 1880.	\$8.20 Conn. 1887.	\$2.76 Eng. 1868,
Machine tenders' help- ers, . . . . .	\$16.00 Pa. 1874.	\$12.50 Mass. 1891.	\$9.60 Del. 1880. Mass. 1876.	\$6.00 Conn. 1863. Del. 1865. Ga. 1860, 1868-1875. Me. 1871- 1880. Mass. 1866, 1874-1877, 1885. Mich. 1871- 1874, 1884. N. Y. 1850- 1857, 1859, 1860, 1888. Ohio 1878. Pa. 1866- 1869.	\$3.00 Ga. 1865. Mass. 1861, 1865.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
PAPER AND PAPER GOODS — Con.					
Packers, . . . .	\$18.00	\$15.00	\$10.50	\$6.36	\$2.64
	Mass. 1891. N. Y. 1888.	Mass. 1885, 1891. N. Y. 1888.	Mass. 1885, 1891. N. Y. 1888.	N. Y. 1888.	Eng. 1863.
Rag engineers, . . .	\$36.00	-	\$24.00	\$15.00	\$6.00
	Ga. 1864.		Ga. 1863.	Conn. 1867- 1869. Ind. 1874, 1875. Mass. 1867- 1876, 1878- 1880, 1885, 1891. N. Y. 1888. Pa. 1869.	Conn. 1850, 1851. Del. 1850, 1855. Ga. 1861. Mass. 1861. N. Y. 1858, 1861. Pa. 1879.
Rag engineers' helpers,	\$12.00	\$10.00	\$7.98	\$6.00	\$3.60
	Pa. 1864, 1865.	Mich. 1871- 1880.	Mass. 1874, 1875.	Conn. 1863. Del. 1860. Ga. 1866- 1877. Me. 1871- 1880. Mass. 1874- 1877, 1885. Mich. 1884. N. J. 1875- 1879. N. Y. 1850- 1862. Ohio 1878. Pa. 1874, 1875. Wis. 1860- 1862.	Ga. 1865. Mass. 1861.
Rulers, . . . .	\$30.00	\$24.00	\$16.00	\$9.00	\$2.16
	Mass. 1886. N. Y. 1888.	Cal. 1886, 1888. Nebr. 1887. N. Y. 1888.	Mo. 1887. Ohio 1883.	Mass. 1891. N. Y. 1887.	Eng. 1868.
Sealers, . . . .	\$15.00	\$12.00	\$9.60	\$7.02	\$4.50
	Conn. 1867- 1869.	Conn. 1866, 1870, 1872, 1875-1877. Mass. 1885.	Conn. 1880. Mass. 1885.	Conn. 1852- 1854.	Ind. 1874- 1880.
Sizers, . . . .	\$15.00	\$12.00	\$9.75	\$7.20	\$4.44
	Mass. 1885, 1891.	Pa. 1888.	Pa. 1888.	Mass. 1891.	Scot. 1866.
Sorters (rags), . .	\$13.00	\$11.20	\$7.23	\$4.32	\$1.44
	Mass. 1891.	Mass. 1891.	Conn. 1887.	Scot. 1883.	Scot. 1883.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
PAPER AND PAPER GOODS — Con.					
Trimmers, . . .	\$18.00 Mass. 1886.	\$15.00 Ind. 1874, 1875. Mass. 1885, 1891.	\$12.00 Conn. 1887. Ind. 1878- 1880. Mass. 1885, 1886, 1891. N. Y. 1888.	\$9.00 Mass. 1885.	\$6.00 N. Y. 1888.
<b>PHOTOGRAPHS AND PHOTOGRAPHIC MA- TERIALS.</b>					
Photographers, . .	\$36.00 Ill. 1886.	\$30.00 Cal. 1884, 1885. Mass. 1891. N. Y. 1888.	\$19.98 Wis. 1888.	\$11.11 Conn. 1887.	\$3.00 Mich. 1883.
<b>POLISHES AND DRES- SING.</b>					
Varnish makers, . .	\$28.84 N. Y. 1888.	\$23.22 Ohio 1882.	\$18.00 Mass. 1891. N. J. 1881. N. Y. 1888.	\$12.00 Cal. 1885, 1886, 1888. Mich. 1884. N. J. 1880. N. Y. 1888. Ohio 1887.	\$6.00 Mich. 1884.
<b>PRINTING, PUBLISH- ING, AND BOOKBIND- ING.</b>					
Bookbinders, . . .	\$25.00 Mass. 1891. N. J. 1883.	\$19.00 N. Y. 1889.	\$13.00 Cal. 1888.	\$7.20 Mass. 1885. Eng. 1839. Fr. 1875. Ire. 1855- 1858, 1883.	\$1.38 Ger. 1873.
Compositors, . . .	\$48.00 Mass. 1885.	\$37.00 Mass. 1885.	\$25.00 Ill. 1886. N. Y. 1888.	\$13.50 Iowa 1882. Minn. 1882, 1883. Mo. 1879. Nebr. 1887. N. Y. 1883, 1884. Ohio 1887. Pa. 1885.	\$2.40 Scot. 1883.
Electrotypers, . .	\$30.00 Mass. 1883.	\$24.00 Mass. 1891.	\$18.00 Ill. 1886. Mass. 1891. Mo. 1885. Ohio 1880.	\$12.00 Mass. 1885, 1891. Mo. 1891.	\$6.00 N. J. 1885. N. Y. 1888.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>PRINTING, PUBLISH- ING, AND BOOKBIND- ING — Con.</b>					
Feeders (press), . . .	\$20.00	\$15.00	\$11.00	\$6.00	\$1.09
	N. Y. 1888.	Mass. 1885, 1891. Mo. 1887.	Mass. 1885.	Ill. 1882, 1883. Mass. 1840, 1883, 1885, 1891. Mo. 1887. N. Y. 1886, 1888. Ohio 1878. Pa. 1873.	G. B. 1883.
Finishers (bookbind- ing), . . . . .	\$26.00	\$21.00	\$15.00	\$9.00	\$3.00
	Mass. 1885. N. Y. 1888.	Mass. 1883. Mich. 1884. N. Y. 1888.	N. Y. 1888.	Mass. 1891.	Mass. 1885.
Folders (book), . . .	\$12.00	\$10.00	\$7.00	\$4.00	\$1.44
	Mass. 1883, 1891.	Cal. 1885, 1886, 1888.	Mass. 1883, 1891. N. Y. 1888.	Mass. 1840. N. Y. 1885, 1888.	Ire. 1857.
Foremen, . . . . .	\$60.00	\$45.00	\$33.00	\$18.66	\$4.05
	Mass. 1885.	Mass. 1885. Ohio 1886.	Mass. 1885.	Ohio 1882.	Swit. 1884.
Lithographers, . . .	\$100.00	\$80.00	\$50.00	\$25.00	\$1.42
	Wis. 1888.	Ill. 1886.	Ill. 1886. Wis. 1880- 1884.	Cal. 1885, 1886, 1888. Ill. 1879, 1884, 1885. Mass. 1891.	Ger. 1873- 1878.
Pressmen, . . . . .	\$60.00	\$35.00	\$32.00	\$17.67	\$3.41
	Mass. 1883.	Mass. 1883.	Mass. 1885.	Ohio 1883.	G. B. 1883.
Printers, . . . . .	\$40.00	\$30.00	\$20.58	\$11.00	\$1.42
	N. Y. 1888, 1889.	Cal. 1885, 1886, 1888. Iowa 1887. Kans. 1875. Mass. 1883, 1891. Mich. 1883. Pa. 1871.	Cal. 1883.	Mo. 1872. N. Y. 1887. Ohio 1884. Can. 1888. Fr. 1884, 1886.	Ger. 1877, 1878.
Proof readers, . . .	\$32.00	\$25.44	\$18.00	\$11.00	\$4.62
	Mass. 1885.	D. C. 1885.	N. Y. 1885. Ohio 1887.	Mass. 1885. Ohio 1878. Fr. 1885.	Austria 1885.
Stereotypers, . . .	\$35.00	\$24.00	\$20.00	\$12.96	\$5.00
	N. Y. 1888.	N. Y. 1883- 1887. Wis. 1888.	Cal. 1885, 1886.	Australasia 1889.	N. Y. 1888.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
PRINT WORKS, DYE WORKS, AND BLEACHERIES.					
Bleachers, . . . .	\$25.00	\$18.00	\$13.00	\$7.02	\$1.14
	Mass. 1891.	Mass. 1883, 1885. N. J. 1877.	Pa. 1865, 1869, 1872- 1875, 1880.	Mass. 1855. N. Y. 1886, 1888. Ohio 1879.	Belg. 1885.
Color mixers, . . .	\$40.00	\$30.00	\$18.00	\$9.90	\$1.68
	N. Y. 1888.	Mass. 1885.	Mass. 1886. N. J. 1883. N. Y. 1888.	Mass. 1891.	Scot. 1883.
Designers (textiles), .	\$48.00	\$36.00	\$24.96	\$13.50	\$1.92
	N. Y. 1886.	Mass. 1891. N. Y. 1886. Pa. 1890.	Pa. 1869- 1878.	Conn. 1860, 1887.	G. B. 1886.
Sketchers (print works),	\$32.25	\$25.00	\$18.00	\$12.00	\$4.98
	Mass. 1885.	Mass. 1891. N. J. 1881- 1883.	Mass. 1860. N. J. 1883.	N. J. 1882.	Mass. 1824.
Dyers, . . . .	\$46.19	\$35.00	\$24.00	\$12.77	\$1.20
	Mass. 1885.	Cal. 1886, 1888.	Cal. 1867, 1872, 1888. Mass. 1885, 1891. N. Y. 1880, 1883-1885. Pa. 1879, 1885. R. I. 1870- 1880, 1888.	U. S. (n. s.) 1879, 1880.	Eng. 1832.
Dyers' helpers, . . .	\$15.00	\$12.00	\$8.10	\$4.80	\$1.20
	N. J. 1877- 1880.	Conn. 1874. Ill. 1874, 1875. N. J. 1888.	Me. 1876, 1877.	N. Y. 1888. Va. 1870- 1880.	Eng. 1883.
Folders, . . . .	\$15.00	\$11.52	\$7.98	\$4.50	\$0.96
	Mass. 1874- 1876, 1879, 1891. N. Y. 1888.	Me. 1871- 1873.	Conn. 1886. Me. 1887. N. H. 1866. Mass. 1883. Mo. 1876, 1877, 1879, 1880. N. Y. 1876, 1884, 1885. Vt. 1886.	Ga. 1886. Ind. 1877- 1880.	Eng. 1886.
Pantographers, . . .	\$9.00	\$8.00	\$7.00	\$5.80	\$4.62
	Mass. 1891.	Mass. 1891.	Mass. 1891.	Mass. 1891.	Ger. 1886.



## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures—Con.</b> <b>PRINT WORKS, DYE</b> <b>WORKS, AND</b> <b>BLEACHERIES—Con.</b>					
Printers, . . .	\$30.00	\$24.00	\$16.00	\$9.50	\$2.64
	Mass. 1885, 1891. N. Y. 1887, 1888.	Mass. 1870. N. J. 1886.	Mass. 1891. Wis. 1888.	Mass. 1891.	Scot. 1863.
<b>RAILROAD CONSTRUC-</b> <b>TION AND EQUIPMENT.</b>					
Foremen, . . .	\$36.00	\$28.85	\$21.00	\$14.83	\$7.00
	Ohio 1883.	Ohio 1873. Pa. 1864- 1872, 1874- 1880.	Mass. 1885.	Vt. 1886.	Ger. 1885.
Molders, . . .	\$42.00	\$33.00	\$24.00	\$14.40	\$4.80
	N. Y. 1888.	Ohio 1870.	Ohio 1880.	Ohio 1880. Pa. 1880.	Hol. 1878.
<b>RUBBER AND ELASTIC</b> <b>GOODS.</b>					
Packers, . . .	\$27.80	\$18.00	\$15.00	\$9.00	\$3.00
	Conn. 1887.	Mass. 1891.	Mass. 1891.	Mass. 1891. N. Y. 1888.	N. Y. 1888.
<b>SADDLERY AND HAR-</b> <b>NESS.</b>					
Harness makers, . .	\$36.00	\$27.00	\$18.00	\$9.54	\$0.96
	N. J. 1872.	Cal. 1885, 1886.	Cal. 1885, 1888, 1890. Colo. 1888. Conn. 1875. Ind. 1881. Iowa 1889. Kans. 1880, 1882, 1888. Mass. 1885, 1891. Mo. 1872, 1882, 1883, 1885. N. J. 1881. N. Y. 1888. Ohio 1872. Pa. 1871.	Wis. 1888.	Ger. 1865, 1866.
Saddlers, . . .	\$36.00	\$27.00	\$18.00	\$9.54	\$0.96
	N. J. 1872.	Cal. 1885, 1886.	Cal. 1885, 1888, 1890. Colo. 1888. Conn. 1875. Ind. 1881. Iowa 1889. Kans. 1880, 1882, 1888.	Wis. 1888.	Ger. 1865, 1866.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
Manufactures — Con. SADDLERY AND HAR- NESS — Con. Saddlers — Con.			Mass. 1885, 1891. Mo. 1872, 1882, 1883, 1885. N. J. 1881. N. Y. 1888. Ohio 1872. Pa. 1871.		
SCIENTIFIC INSTRU- MENTS AND APPLI- ANCES.					
Artificial limb makers,	\$24.00 N. Y. 1888.	\$21.00 Ill. 1879.	\$15.00 Mich. 1884.	\$10.00 Ill. 1879.	\$5.00 N. Y. 1888.
SHIPBUILDING.					
Calkers, . . . .	\$30.00 Cal. 1884, 1888. Mo. 1864- 1866.	\$24.00 Cal. 1885, 1888. Conn. 1875. Mo. 1866, 1867.	\$16.50 Me. 1888, 1889. Md. 1885. N. J. 1873. N. Y. 1888. Ohio 1887- 1889. Wis. 1888.	\$9.60 N. J. 1884. N. S. 1890. Scot. 1834.	\$3.45 Ger. 1885.
Carpenters, . . . .	\$42.00 Wis. 1880- 1884.	\$30.00 Cal. 1884, 1888. Mo. 1864- 1866.	\$22.50 Cal. 1886.	\$12.72 U. S. (n. s.) 1885.	\$3.00 Scot. 1866.
Dubbers, . . . .	\$30.00 Ohio 1887, 1889.	\$24.00 Conn. 1887- 1889.	\$19.50 Me. 1889.	\$15.00 Del. 1889. Me. 1888, 1889. Mass. 1888.	\$10.50 Me. 1886.
Painters, . . . .	\$18.00 Conn. 1887- 1889.	\$14.76 Pa. 1877.	\$10.50 Del. 1886. N. Y. 1888. N. S. 1890.	\$6.66 Ger. 1885.	\$2.76 Eng. 1866.
Riggers, . . . .	\$30.00 Cal. 1885, 1888.	\$24.00 Conn. 1875, 1887-1889.	\$15.00 Conn. 1875. Del. 1888, 1889. Me. 1887- 1889. Mass. 1885, 1887, 1889. Mich. 1884. Ohio 1889. N. S. 1890.	\$8.03 Ire. 1884, 1885.	\$1.44 Eng. 1880.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
SHIPBUILDING — Con.					
Spar makers, . . .	\$27.00 N. Y. 1888.	\$21.75 N. Y. 1888.	\$16.50 Md. 1886– 1889. Mass. 1889, 1891. N. Y. 1888. Ohio 1887– 1889.	\$11.25 N. Y. 1888.	\$6.00 N. Y. 1888.
<b>SILK AND SILK GOODS.</b>					
Ballers, . . . .	\$15.00 Mass. 1891.	\$12.00 Mass. 1891.	\$8.00 Cal. 1888. Mass. 1891.	\$4.50 Mass. 1885.	\$0.96 Eng. 1886.
Carders, . . . .	\$30.00 Mass. 1870– 1873, 1891.	\$24.00 Cal. 1867– 1880. Mass. 1876– 1880. N. Y. 1888. Pa. 1879.	\$15.60 N. Y. 1886.	\$8.52 Mass. 1836, 1837, 1868, 1873. N. H. 1870. N. Y. 1874. G. B. 1883.	\$1.34 Swe. 1881.
Doublers, . . . .	\$10.00 Mass. 1891. N. J. 1886.	\$7.80 Mass. 1885, 1891.	\$5.50 Mass. 1891. N. J. 1883. N. Y. 1888.	\$3.36 N. Y. 1886. Eng. 1886. Scot. 1886.	\$1.19 Bavaria 1882.
Dressers, . . . .	\$23.34 Mass. 1871.	\$17.88 Mass. 1871.	\$12.42 Pa. 1877.	\$6.96 Pa. 1873.	\$1.44 Eng. 1883.
Engineers, . . . .	\$36.00 Mass. 1891.	\$27.00 R. I. 1880. Vt. 1875– 1878, 1880.	\$19.20 Conn. 1887.	\$10.98 N. C. 1886.	\$2.74 Ire. 1886.
Finishers, . . . .	\$30.00 Mass. 1883, 1885.	\$24.00 Mass. 1883, 1886.	\$16.00 Mass. 1891.	\$8.82 Mass. 1885.	\$1.60 Ger. 1873.
Firemen, . . . .	\$18.00 Cal. 1888.	\$14.00 Mass. 1891. Mo. 1870.	\$10.00 N. J. 1882, 1883, 1886.	\$6.00 Mass. 1883, 1886. N. C. 1886, 1887. Belg. 1882. Eng. 1882. Fr. 1883. Scot. 1877, 1880, 1882.	\$2.04 Eng. 1866.
Loom fixers, . . .	\$24.00 Cal. 1867– 1880, 1885. Mass. 1891. Utah 1871– 1880.	\$18.00 Cal. 1888. Ind. 1871– 1873, 1880. Mass. 1885, 1891. N. Y. 1888.	\$13.50 Conn. 1870– 1875. Del. 1886. Ill. 1876. Ind. 1865– 1872, 1875– 1878.	\$8.25 Vt. 1864, 1865.	\$2.88 It. 1886.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
SILK AND SILK GOODS — Con.					
Loom fixers — Con.		Pa. 1873- 1878, 1888, 1889.	Mass. 1866- 1873. N. J. 1886. Pa. 1886, 1888. R. I. 1888. Vt. 1870, 1871.		
Overseers, . . .	\$48.00 Mass. 1891.	\$40.00 N. J. 1883.	\$25.92 Conn. 1887.	\$15.00 Conn. 1877- 1880, 1886, 1887. N. J. 1861, 1880, 1883. N. Y. 1886.	\$3.30 <i>Austria</i> 1885.
Packers, . . .	\$24.00 Conn. 1874.	\$16.50 R. I. 1889.	\$13.08 Pa. 1886.	\$7.20 Mass. 1891.	\$1.50 <i>Belg.</i> 1883.
Pickers, . . .	\$24.00 Pa. 1878.	\$17.85 Del. 1877.	\$12.75 Pa. 1878.	\$6.96 Md. 1865. Mass. 1885.	\$1.15 <i>China</i> 1889. <i>Russ.</i> 1892.
Quillers, . . .	\$12.00 Mass. 1891.	\$9.21 Mass. 1891.	\$7.26 Mass. 1874.	\$5.00 N. J. 1883, 1888. N. Y. 1888.	\$3.00 Mass. 1851- 1853, 1891. N. J. 1883, 1884. N. C. 1886. Va. 1886.
Reelers, . . .	\$18.00 N. J. 1882.	\$13.26 Md. 1886.	\$9.42 Ohio 1886.	\$5.22 Mass. 1863. N. J. 1870.	\$0.96 <i>Scot.</i> 1866, 1868, 1871.
Second hands, . .	\$36.00 Mass. 1891.	\$27.00 Mass. 1883.	\$18.00 Mass. 1868- 1874, 1877, 1878, 1883, 1886. N. J. 1886. N. Y. 1886, 1888.	\$9.54 R. I. 1875.	\$1.13 <i>Pol.</i> 1882.
Spare hands, . .	\$18.00 Mass. 1885.	\$12.00 Mass. 1891.	\$9.92 Mich. 1889.	\$5.76 N. H. 1886.	\$1.50 <i>Ger.</i> 1886.
Spinners, . . .	\$17.87 Conn. 1887.	\$12.00 Conn. 1860.	\$10.00 Mass. 1891. N. Y. 1888.	\$5.59 Conn. 1887.	\$1.20 <i>China</i> 1889.
Twisters, . . .	\$21.00 Pa. 1888.	\$16.00 N. J. 1886.	\$10.98 Mass. 1883.	\$5.94 Mass. 1883.	\$0.81 <i>It.</i> 1862.
Warpers, . . .	\$26.50 N. Y. 1888.	\$22.00 N. Y. 1888.	\$13.68 N. Y. 1870.	\$7.30 <i>Eng.</i> 1878.	\$0.96 <i>Scot.</i> 1883.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures—Con.</b>					
<b>SILK AND SILK GOODS</b>					
—Con.					
Weavers, . . . .	\$36.00 N. Y. 1887.	\$28.50 N. Y. 1888.	\$18.00 N. J. 1861, 1884. N. Y. 1887.	\$9.48 Conn. 1885.	\$0.96 <i>It.</i> 1870.
Winders, . . . .	\$16.66 Conn. 1860.	\$12.00 Mass. 1885, 1891. N. J. 1881, 1885. Pa. 1870, 1880, 1890. R. I. 1889.	\$8.55 N. Y. 1887.	\$4.68 Mass. 1837, 1869.	\$0.76 <i>Eng.</i> 1886.
<b>STONE.</b>					
Carvers, . . . .	\$42.00 Mass. 1891.	\$30.00 Cal. 1884. Ky. 1868- 1873. Mass. 1885. N. Y. 1888.	\$22.80 Mass. 1891.	\$13.50 Ind. 1878- 1880. Mass. 1885. Mo. 1882. N. Y. 1860- 1862.	\$4.50 <i>Ger.</i> 1877.
Cutters, . . . .	\$36.18 Mo. 1889.	\$28.08 Mo. 1889.	\$19.20 Ind. 1883. Iowa 1889. Kans. 1887. Minn. 1889.	\$10.80 <i>Fr.</i> 1878. <i>Scot.</i> 1878.	\$2.28 <i>Fr.</i> 1853.
Drillers, . . . .	\$15.00 Me. 1889. Mass. 1885. N. Y. 1889.	\$12.50 Mass. 1885.	\$9.90 Mass. 1885.	\$6.90 Ind. 1879.	\$4.02 Mo. 1889.
Letterers (monuments),	\$24.00 Cal. 1885, 1888. Conn. 1874. Ind. 1863- 1873. N. Y. 1888.	\$21.00 Ind. 1874. N. Y. 1888.	\$16.50 Mass. 1891.	\$13.50 Ind. 1878- 1880. Mass. 1885. N. Y. 1864, 1865.	\$10.00 Mass. 1885. N. Y. 1859, 1888.
Marble workers, . .	\$30.00 N. J. 1884.	\$24.00 Mass. 1885.	\$16.50 Kans. 1889. Mo. 1882, 1883.	\$9.60 N. C. 1888.	\$3.00 Mo. 1884.
Pollshers, . . . .	\$21.00 N. Y. 1889. Pa. 1871.	\$16.20 Pa. 1880.	\$13.00 Mass. 1891.	\$8.50 Mass. 1891.	\$4.28 <i>Ger.</i> 1883.
Quarrymen, . . . .	\$21.00 Mass. 1885. N. Y. 1889.	\$16.00 Me. 1889.	\$11.04 Pa. 1883.	\$6.18 Mass. 1839.	\$1.14 <i>Fr.</i> 1885.



## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
STONE — Con.					
Rubbers, . . .	\$21.00 N. Y. 1888.	\$18.00 N. Y. 1888.	\$13.50 Cal. 1884. Mo. 1882, 1883.	\$10.00 N. Y. 1865– 1867, 1877– 1880.	\$6.00 Mass. 1885.
TALLOW, CANDLES, SOAP, AND GREASE.					
Soap makers, . .	\$30.00 N. Y. 1888.	\$25.00 Ohio 1886.	\$16.00 Pa. 1871.	\$9.00 Cal. 1885. Ill. 1886. Kans. 1888, 1889. Mass. 1885. Ohio 1886. Wis. 1880– 1884, 1886.	\$2.40 It. 1884.
<b>TOBACCO, SNUFF, AND CIGARS.</b>					
Cigar makers, . .	\$48.00 N. Y. 1885.	\$39.00 Mass. 1891.	\$24.00 Kans. 1890. Mass. 1885. N. J. 1873, 1885.	\$12.40 Mass. 1891.	\$0.96 It. 1884.
Packers, . . .	\$45.00 N. J. 1883.	\$35.00 Mass. 1891.	\$24.00 Ill. 1882. N. J. 1884, 1885.	\$13.50 Mo. 1872, 1880, 1885. Ohio 1886.	\$2.88 Md. 1869.
Rollers, . . .	\$24.00 N. C. 1887.	\$18.00 N. C. 1887.	\$13.50 Mass. 1891.	\$8.40 Mass. 1891.	\$3.48 Ohio 1886.
Strippers, . . .	\$24.00 N. J. 1883.	\$20.00 N. J. 1885, 1886.	\$12.50 D. C. 1865, 1866.	\$6.90 Mo. 1867– 1871.	\$1.00 D. C. 1852, 1853. Mass. 1885. N. Y. 1885.
<b>TRUNKS AND VALISES.</b>					
Bag makers (leather),	\$20.00 N. Y. 1888.	\$15.00 Mass. 1885. N. Y. 1888.	\$10.50 N. J. 1880.	\$6.00 N. J. 1879, 1887.	\$2.00 Cal. 1888.
Trunk makers, . .	\$24.00 Mass. 1891.	\$18.00 Ill. 1882. Mass. 1885. N. J. 1883, 1888. N. Y. 1888. Wis. 1886.	\$13.00 Mo. 1885.	\$7.50 Mich. 1883. Wis. 1880– 1883, 1886.	\$2.40 It. 1884.
<b>WHIPS, LASHES, AND STOCKS.</b>					
Whip makers, . .	\$21.00 Cal. 1884. Conn. 1875.	\$15.04 Mass. 1874.	\$10.50 Mass. 1875.	\$6.00 Conn. 1875. N. J. 1883.	\$1.42 Ger. 1865.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
WOODEN GOODS.					
Basket makers, . . .	\$18.00 Conn. 1875.	\$13.50 Ohio 1887.	\$9.60 <i>Aus.</i> 1889.	\$5.40 Mass. 1885.	\$1.10 Cal. 1888.
Carvers, . . .	\$36.00 Mass. 1885. N. Y. 1887.	\$27.00 Cal. 1870- 1880, 1885, 1888. Mo. 1882. N. Y. 1888.	\$19.00 N. Y. 1872, 1873, 1876, 1879.	\$10.38 Mich. 1879.	\$1.80 <i>China</i> 1889.
Coopers, . . .	\$24.00 Cal. 1884, 1885. Mass. 1891.	\$18.42 Mo. 1890.	\$12.50 Ill. 1875. Ohio 1878, 1884.	\$6.72 <i>Scot.</i> 1880. <i>Wales</i> 1878.	\$0.95 <i>Ger.</i> 1865- 1869.
Cornice makers, . .	\$30.00 Cal. 1888.	\$22.50 N. Y. 1889.	\$19.50 Mass. 1891.	\$13.50 Mass. 1891. Ohio 1887.	\$7.50 <i>Kans.</i> 1889. N. Y. 1889.
Engravers, . . .	\$60.00 N. Y. 1888.	\$46.00 N. J. 1883.	\$32.40 N. Y. 1888.	\$18.00 Cal. 1885. Ill. 1879. Ind. 1881. Mich. 1886. N. Y. 1888.	\$3.51 <i>Ger.</i> 1885.
Foremen, . . .	\$30.00 Mass. 1891. N. J. 1885. Ohio 1886.	\$25.00 Ohio 1884.	\$21.00 Ky. 1865, 1866. Ohio 1880, 1884.	\$16.50 Mass. 1891. Pa. 1875.	\$11.82 Mo. 1890.
Gilders (picture frames), . . .	\$33.00 N. Y. 1888.	\$24.00 Mich. 1883.	\$18.00 Cal. 1885. Mass. 1885, 1891. N. Y. 1888.	\$11.00 Ill. 1883- 1885.	\$3.00 Mich. 1883. N. Y. 1888.
Machine tenders, . .	\$40.20 N. Y. 1888.	\$25.00 N. Y. 1888.	\$22.00 N. Y. 1886, 1887.	\$12.60 Mich. 1876.	\$3.00 Ind. 1886.
Molding makers, . .	\$25.00 Mass. 1883.	\$19.80 Mass. 1891.	\$15.00 Iowa 1876. Ky. 1870- 1873, 1877- 1879. Mass. 1876- 1878, 1883, 1891. N. Y. 1871- 1873, 1875, 1876, 1888. Ohio 1863, 1874, 1875, 1878, 1880.	\$9.60 Ind. 1878. Ky. 1862. Mich. 1878.	\$4.76 <i>Ger.</i> 1883.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
WOODEN GOODS — Con.					
Molding makers — Con.			Pa. 1871- 1873. Tenn. 1870- 1877. Tex. 1871- 1875. Wis. 1888.		
Picture frame makers,	\$27.00 Cal. 1885.	\$21.00 Cal. 1888. Conn. 1875.	\$15.00 Cal. 1888. Ill. 1884. Mass. 1885, 1891. N. Y. 1888. Ohio 1882, 1887.	\$9.00 Mass. 1885. N. Y. 1888. Ohio 1887.	\$3.60 It. 1884.
Planers, . . .	\$24.00 Mo. 1865, 1868, 1870, 1873, 1874.	\$18.34 Mass. 1891.	\$13.50 Ala. 1873- 1878. Ind. 1876. Ky. 1864, 1874, 1875. Mass. 1869- 1874. N. Y. 1867, 1868, 1888. Ohio 1872- 1875, 1879, 1880. Tenn. 1878- 1880. Tex. 1876- 1880.	\$8.10 Iowa 1874- 1877. Mich. 1876, 1880.	\$2.69 Ger. 1885.
Polishers, . . .	\$21.00 Mass. 1885.	\$16.00 Mass. 1891. N. Y. 1888.	\$12.00 Cal. 1888. Mass. 1885, 1891. Mich. 1890, 1891. N. Y. 1888.	\$6.72 Eng. 1856- 1862.	\$2.40 Ire. 1863.
Surfacers, . . .	\$18.00 Ind. 1873. Ky. 1865- 1867.	\$15.00 Ind. 1872. Ky. 1865- 1873. N. Y. 1869- 1871. Tenn. 1870- 1877.	\$12.00 Ind. 1877- 1880. Ky. 1874- 1880. Mass. 1869- 1874. Mich. 1880.	\$9.00 Ind. 1871. Iowa 1869- 1873. Ky. 1853, 1854, 1880. Mich. 1873, 1874, 1876, 1877.	\$6.00 Ky. 1850, 1875. Tenn. 1878, 1879. Wis. 1877, 1878.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b> WOODEN GOODS — Con. Surfacers — Con.		Tex. 1871- 1875.	N. Y. 1872, 1873, 1875, 1876. Ohio 1871- 1873, 1878- 1880. Pa. 1874, 1879, 1880. Tenn. 1880. Tex. 1871- 1875.	N. Y. 1864- 1867. Ohio 1873- 1875, 1880. Pa. 1875, 1876. Wis. 1873, 1874, 1877, 1878.	
Turners, . . .	\$24.00 Cal. 1870- 1880, 1884, 1885. Mass. 1885. Mich. 1890. N. J. 1882.	\$19.00 N. Y. 1874.	\$13.00 N. Y. 1889. Ohio 1883.	\$7.50 Ind. 1860, 1861. N. H. 1853- 1862. Ohio 1881, 1887.	\$2.14 Ger. 1890.
Veneerers, . . .	\$18.00 Mich. 1886, 1890.	\$15.00 N. Y. 1888.	\$12.00 Mich. 1886.	\$9.00 Mich. 1886, 1890.	\$6.00 Mich. 1890.
Woodworkers, . . .	\$32.00 Mass. 1891. N. Y. 1889.	\$24.00 Cal. 1884. Ky. 1873. Mass. 1883, 1885. Mich. 1891. Wis. 1886.	\$16.80 Ill. 1871.	\$9.21 Mass. 1883.	\$1.46 G. B. 1893.
<b>WOOLLEN GOODS.</b>					
Back boys, . . .	\$9.30 Conn. 1886.	\$6.90 Mass. 1886.	\$4.80 Mass. 1885. Pa. 1886. Russ. 1885.	\$2.60 Eng. 1846.	\$0.40 Scot. 1860.
Balers, . . .	\$16.00 Conn. 1874.	\$13.00 Conn. 1875.	\$9.00 Conn. 1872- 1874, 1877- 1887. Ind. 1871- 1874. Me. 1866- 1869, 1872- 1875. Md. 1875. Mass. 1873- 1880, 1891. Mo. 1877, 1879, 1880. N. Y. 1870- 1873. Wis. 1875- 1880.	\$5.40 Me. 1886. N. C. 1886.	\$1.93 Me. 1880.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con. WOOLLEN GOODS — Con.</b>					
Ballers, . . . .	\$15.00 Mass. 1891.	\$12.00 Mass. 1891.	\$8.00 Cal. 1888. Mass. 1891.	\$4.50 Mass. 1885.	\$0.96 Eng. 1886.
Band boys, . . . .	\$7.50 Mass. 1891.	\$6.48 Pa. 1888.	\$4.93 Wis. 1888.	\$3.60 Me. 1886.	\$2.16 Mass. 1885.
Beamers, . . . .	\$18.00 Conn. 1874. Mass. 1891. Pa. 1888.	\$13.98 Pa. 1876.	\$9.60 Conn. 1874.	\$5.16 Scot. 1886.	\$0.78 Scot. 1874.
Bobbin boys, . . . .	\$10.50 Conn. 1874.	\$8.10 Del. 1886.	\$5.88 Eng. 1886.	\$3.50 Mo. 1876.	\$1.20 Eng. 1868.
Boiler tenders, . . . .	\$15.90 Wis. 1888.	\$12.25 Mass. 1891.	\$9.00 Conn. 1887. Mass. 1886. Mo. 1890. N. J. 1884.	\$5.64 Eng. 1884- 1886. G. B. 1880.	\$2.16 Scot. 1883.
Burlers, . . . .	\$9.00 Mass. 1883.	\$7.00 R. I. 1889.	\$5.00 Pa. 1876, 1888. R. I. 1889.	\$2.90 G. B. 1880.	\$0.80 Ger. 1856.
Carders, . . . .	\$30.00 Mass. 1870- 1873, 1891.	\$24.00 Cal. 1867- 1890. N. Y. 1888. Pa. 1879.	\$15.60 N. Y. 1886.	\$8.40 Ind. 1879. Mass. 1863, 1891. Pa. 1886. Eng. 1883.	\$1.28 Ire. 1886.
Cloth room employés, .	\$12.00 Mass. 1885. Pa. 1886.	\$9.60 Mass. 1883, 1885.	\$6.48 N. H. 1886.	\$3.75 Conn. 1866.	\$1.00 Mass. 1885.
Combers, . . . .	\$19.80 N. Y. 1886.	\$14.52 N. Y. 1886.	\$9.60 Eng. 1833.	\$5.46 Pa. 1888.	\$1.32 Eng. 1824, 1826.
Doffers, . . . .	\$9.30 Mass. 1885.	\$7.00 Mass. 1891.	\$4.80 Ind. 1871, 1872, 1886. Mass. 1867, 1891. N. H. 1880, 1886. R. I. 1889.	\$2.60 Mass. 1868. Eng. 1886. Scot. 1886.	\$0.34 Eng. 1886.
Doublers, . . . .	\$10.00 Mass. 1891. N. J. 1886.	\$7.80 Mass. 1885, 1891.	\$5.50 Mass. 1891. N. J. 1883. N. Y. 1888.	\$3.36 N. Y. 1886. Eng. 1886. Scot. 1886.	\$1.19 Bar aria 1882.
Drawers-in, . . . .	\$13.80 Mass. 1883.	\$10.50 Mass. 1883.	\$7.33 Mass. 1891.	\$4.18 Mass. 1872.	\$1.02 Ire. 1886.



## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
WOOLLEN GOODS — Con.					
Dressers, . . . .	\$23.34 Mass. 1871.	\$17.88 Mass. 1871.	\$12.42 Pa. 1877.	\$4.14 N. H. 1837.	\$1.44 Eng. 1883.
Dryers, . . . .	\$15.00 N. J. 1885.	\$12.00 Mass. 1883. N. J. 1885.	\$8.23 Conn. 1875.	\$5.00 N. J. 1884- 1886.	\$1.68 Ire. 1883.
Engineers, . . . .	\$36.00 Mass. 1891.	\$27.00 R. I. 1880. Vt. 1875- 1878, 1880.	\$19.20 Conn. 1887.	\$11.00 Conn. 1878. N. J. 1885. Pa. 1876.	\$2.74 Ire. 1886.
Filling carriers, . .	\$12.00 Mass. 1891.	\$9.90 R. I. 1888.	\$7.50 Me. 1886. Mass. 1883, 1886, 1891.	\$5.16 Mo. 1890.	\$3.00 Md. 1885, 1886, N. Y. 1888, N. C. 1886.
Finishers, . . . .	\$30.00 Mass. 1883, 1885.	\$24.00 Mass. 1883, 1886.	\$16.00 Mass. 1891.	\$8.82 Mass. 1885.	\$1.60 Ger. 1873.
Firemen, . . . .	\$18.00 Cal. 1888.	\$14.00 Mass. 1891. Mo. 1870.	\$10.00 N. J. 1882, 1883, 1886.	\$6.00 Mass. 1883, 1886. N. C. 1886, 1887. Belg. 1882. Eng. 1882. Fr. 1883. Scot. 1877, 1880, 1882.	\$2.04 Eng. 1866.
Folders, . . . .	\$15.00 Mass. 1874- 1876, 1879, 1891. N. Y. 1888.	\$11.52 Me. 1871- 1873.	\$7.98 Conn. 1886. Me. 1887. N. H. 1866.	\$4.50 Ga. 1886. Ind. 1877- 1880. Mass. 1883. Mo. 1876, 1877, 1879, 1880. N. Y. 1876, 1884, 1885. Vt. 1886.	\$0.96 Eng. 1886.
Frame tenders, . .	\$12.00 Mass. 1891. N. J. 1882, 1883.	\$9.00 Mass. 1885. N. J. 1883. N. Y. 1888. Pa. 1876.	\$6.91 Mass. 1891.	\$4.33 Eng. 1885.	\$1.86 Eng. 1886.
Fullers, . . . .	\$21.50 Mass. 1883.	\$17.00 N. Y. 1888.	\$12.00 Cal. 1886. Conn. 1874.	\$7.20 Cal. 1880. Ind. 1880.	\$2.34 Austria 1870.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b> WOOLLEN GOODS — Con. Fullers — Con.			Ill. 1866. Ind. 1862, 1863. Iowa 1865– 1878. Mass. 1883, 1885. Ohio 1871– 1873, 1879, 1880. Ore. 1875– 1880. Pa. 1879.	Pa. 1874. Eng. 1886.	Ger. 1870.
Giggers, . . .	\$15.30 Mass. 1885.	\$12.00 Ore. 1875– 1880.	\$9.75 Mass. 1885.	\$6.75 Mass. 1879. R. I. 1880. Vt. 1865, 1866.	\$3.78 Mo. 1890,
Lappers, . . .	\$9.00 Mass. 1866, 1867, 1885, 1891.	\$7.08 Mass. 1886.	\$5.25 Scot. 1877, 1878.	\$3.34 Scot. 1886.	\$1.38 Russ. 1882.
Loom fixers, . . .	\$24.00 Cal. 1867– 1885. Mass. 1891. Utah 1871– 1880.	\$18.00 Cal. 1888. Ind. 1871– 1873, 1880. Mass. 1885, 1891. N. Y. 1888. Pa. 1873– 1878, 1888, 1889.	\$13.50 Conn. 1870– 1875. Del. 1886. Ill. 1876. Ind. 1865– 1872, 1875– * 1878. Mass. 1866– 1873. N. J. 1886. Pa. 1886, 1888. R. I. 1888. Vt. 1870, 1871.	\$8.25 Vt. 1864, 1865.	\$2.88 It. 1886.
Machinery cleaners, .	\$18.00 Mass. 1891.	\$12.00 Mass. 1891. N. Y. 1888.	\$9.60 Mass. 1867.	\$5.40 Mass. 1885.	\$1.20 China 1889. Eng. 1839, 1849.
Menders, . . .	\$13.84 N. Y. 1888.	\$10.50 Mass. 1891. N. Y. 1888.	\$7.50 Mass. 1891. N. J. 1886. N. Y. 1864, 1866, 1868, 1885. Pa. 1886.	\$4.25 N. Y. 1888.	\$0.96 Eng. 1866.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
WOOLLEN GOODS					
— Con.					
Overseers, . . .	\$48.08 Mass. 1870- 1880.	\$36.00 Mass. 1883, 1886, 1891.	\$25.00 Mo. 1879. N. H. 1882. N. J. 1886. Pa. 1882. Can. 1882.	\$13.08 N. H. 1852.	\$1.25 Pol. 1882.
Packers, . . .	\$24.00 Conn. 1874.	\$16.50 R. I. 1889.	\$13.08 Pa. 1886.	\$7.20 Mass. 1891.	\$1.50 Belg. 1883.
Pickers, . . .	\$24.00 Pa. 1878.	\$17.88 Del. 1877.	\$12.75 Pa. 1878.	\$6.96 Md. 1865. Mass. 1885.	\$1.15 China 1889. Russ. 1882.
Quillers, . . .	\$12.00 Mass. 1891.	\$9.21 Mass. 1891.	\$7.26 Mass. 1874.	\$5.00 N. J. 1883, 1888. N. Y. 1888.	\$3.00 Mass. 1851- 1853, 1891. N. J. 1883, 1884. N. C. 1886. Va. 1886.
Reelers, . . .	\$18.00 N. J. 1882.	\$13.26 Md. 1886.	\$9.42 Ohio 1886.	\$5.23 Mass. 1836.	\$0.96 Scot. 1866- 1871.
Roving hands, . .	\$9.00 Mass. 1883.	\$7.20 Me. 1886.	\$5.10 Mass. 1891.	\$3.12 Eng. 1857.	\$1.22 Scot. 1886.
Scourers, . . .	\$22.00 Cal. 1886.	\$16.50 Mass. 1885.	\$12.00 Cal. 1888. Ill. 1866. Iowa 1865- 1869. Ky. 1864- 1866. Ohio 1862- 1869. Pa. 1879.	\$6.75 N. J. 1886, 1888. N. Y. 1888. Vt. 1867, 1871, 1872, 1876. Wis. 1871- 1878.	\$1.54 Scot. 1886.
Second hands, . .	\$36.00 Mass. 1891.	\$27.00 Mass. 1883.	\$18.00 Mass. 1868- 1874, 1877, 1878, 1883, 1886. N. J. 1886. N. Y. 1886, 1888.	\$9.54 R. I. 1875.	\$1.13 Pol. 1882.
Section hands, . .	\$21.00 Mass. 1883, 1891.	\$16.80 Mass. 1885.	\$12.60 Mass. 1875, 1876.	\$8.28 N. Y. 1880.	\$4.00 Pol. 1882.
Shearers, . . .	\$24.00 Cal. 1867- 1875.	\$18.00 Ind. 1871- 1874. Mass. 1885. Utah 1871- 1880.	\$13.50 Ind. 1864- 1880. Mass. 1871- 1873, 1886.	\$7.80 N. H. 1865, 1866.	\$2.00 Bohemia 1885.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
WOOLLEN GOODS					
— Con.					
Slasher tenders, . . .	\$16.50	\$13.50	\$10.25	\$7.08	\$4.02
	R. I. 1887.	Conn. 1870, 1871. Mass. 1872, 1873. N. Y. 1874, 1875.	Mass. 1891.	Mass. 1883.	Swit. 1882.
Slubber tenders, . . .	\$12.00	\$9.00	\$6.11	\$3.70	\$1.33
	N. J. 1882.	Cal. 1888. Mass. 1891.	Mass. 1891.	Eng. 1886.	Russ. 1882.
Sorters, . . . . .	\$24.00	\$18.00	\$12.60	\$6.90	\$1.08
	Cal. 1888. Vt. 1886.	Cal. 1867, 1868. Ind. 1871- 1873. Mass. 1891. N. J. 1881, 1884-1886, 1888. Pa. 1871, 1888.	Mass. 1875.	Cal. 1869. Mass. 1858- 1861.	Eng. 1883.
Spare hands, . . .	\$18.00	\$12.00	\$9.92	\$5.76	\$1.50
	Mass. 1885.	Mass. 1891.	Mich. 1889.	N. H. 1886.	Ger. 1886.
Speeder tenders, . . .	\$13.50	\$10.00	\$7.68	\$4.68	\$1.70
	R. I. 1888.	Mass. 1891.	Conn. 1885.	Mass. 1837.	It. 1884.
Spinners, . . . . .	\$24.00	\$18.00	\$12.24	\$6.30	\$0.36
	Ark. 1870- 1872.	Ark. 1873- 1875. Cal. 1867- 1872. Mass. 1885. Pa. 1864- 1870, 1879.	Del. 1865.	N. H. 1872.	Eng. 1883.
Spooler tenders, . . .	\$12.00	\$9.00	\$6.48	\$3.72	\$0.92
	Mass. 1885. Pa. 1871. R. I. 1889.	Cal. 1888. Ind. 1886. Mass. 1883, 1885. N. J. 1861, 1867, 1880. Pa. 1870, 1888.	Mass. 1883. N. J. 1876, 1877.	N. Y. 1855- 1862, 1866, 1877.	Swit. 1882.
Steamers, . . . . .	\$15.00	\$10.50	\$8.70	\$5.70	\$2.64
	Mass. 1885.	Mass. 1891.	Mass. 1885.	Mass. 1891.	Eng. 1880.
Strippers, . . . . .	\$10.20	\$8.40	\$6.50	\$4.56	\$2.64
	N. Y. 1886.	Mass. 1885.	Conn. 1875.	Eng. 1886.	Eng. 1839.
Twisters, . . . . .	\$21.00	\$16.00	\$10.98	\$5.94	\$0.81
	Pa. 1888.	N. J. 1886.	Mass. 1883.	Mass. 1883.	It. 1862.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
WOOLLEN GOODS					
— Con.					
Warpers, . . . .	\$26.50 N. Y. 1888.	\$18.00 Cal. 1874- 1880, 1885.	\$13.68 N. Y. 1870.	\$7.30 Eng. 1878.	\$0.96 Scot. 1883.
Weavers, . . . .	\$30.00 Mass. 1891.	\$24.00 Utah 1871- 1880.	\$15.30 Pa. 1888.	\$8.28 Pa. 1876.	\$1.23 It. 1872.
Winders, . . . .	\$16.66 Conn. 1860.	\$12.00 Mass. 1885, 1891. N. J. 1881, 1885. Pa. 1870, 1880, 1890. R. I. 1889.	\$8.55 N. Y. 1887.	\$4.68 Mass. 1837, 1869.	\$0.76 Eng. 1886.
<b>WORSTED GOODS.</b>					
Balers, . . . .	\$16.00 Conn. 1874.	\$13.00 Conn. 1875.	\$9.00 Conn. 1872- 1874, 1877- 1887. Ind. 1871- 1874. Me. 1866- 1869, 1872- 1875. Md. 1875. Mass. 1873- 1880, 1891. Mo. 1877, 1879, 1880. N. Y. 1870- 1873. Wis. 1875- 1880.	\$5.40 Me. 1886. N. C. 1886.	\$1.98 Me. 1880.
Ballers, . . . .	\$15.00 Mass. 1891.	\$12.00 Mass. 1891.	\$8.00 Cal. 1888. Mass. 1891.	\$4.50 Mass. 1885.	\$0.96 Eng. 1886.
Band boys, . . . .	\$7.50 Mass. 1891.	\$6.48 Pa. 1888.	\$4.98 Wis. 1888.	\$3.60 Me. 1886.	\$2.16 Mass. 1885.
Burlers, . . . .	\$9.00 Mass. 1883.	\$7.00 R. I. 1889.	\$5.00 Pa. 1876, 1888. R. I. 1889.	\$2.90 G. B. 1880.	\$0.80 Ger. 1856.
Carders, . . . .	\$30.00 Mass. 1870- 1873, 1891.	\$24.00 Cal. 1867- 1880. N. Y. 1888. Pa. 1879.	\$15.60 N. Y. 1886.	\$8.40 Ind. 1879. Mass. 1863, 1891. Pa. 1886. Eng. 1883.	\$1.23 Ire. 1886.



## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con. WORSTED GOODS — Con.</b>					
Cloth room employes, .	\$12.00 Mass. 1885. Pa. 1886.	\$9.60 Mass. 1883, 1885.	\$6.48 N. H. 1886.	\$3.75 Conn. 1866.	\$1.00 Mass. 1885.
Combers, . . . .	\$19.80 N. Y. 1886.	\$14.52 N. Y. 1886.	\$9.60 Eng. 1833.	\$5.46 Pa. 1888.	\$1.32 Eng. 1824, 1826.
Doffers, . . . .	\$9.30 Mass. 1885.	\$7.00 Mass. 1891.	\$4.80 Ind. 1871, 1872, 1886. Mass. 1867, 1891. N. H. 1880, 1886. R. I. 1889.	\$2.60 Mass. 1863. Eng. 1886. Scot. 1886.	\$0.34 Eng. 1886.
Dóublers, . . . .	\$10.00 Mass. 1891. N. J. 1886.	\$7.80 Mass. 1885, 1891.	\$5.50 Mass. 1891. N. J. 1883. N. Y. 1888.	\$3.36 N. Y. 1886. Eng. 1886. Scot. 1886.	\$1.19 <i>Bavaria</i> 1882.
Dressers, . . . .	\$23.34 Mass. 1871.	\$17.88 Mass. 1871.	\$12.42 Pa. 1877.	\$4.14 N. H. 1837.	\$1.44 Eng. 1883.
Dryers, . . . .	\$15.00 N. J. 1885.	\$12.00 Mass. 1883. N. J. 1885.	\$8.28 Conn. 1875.	\$5.00 N. J. 1884- 1886.	\$1.68 <i>Ire.</i> 1883.
Engineers, . . . .	\$36.00 Mass. 1891.	\$27.00 R. I. 1880. Vt. 1875- 1878, 1880.	\$19.20 Conn. 1887.	\$11.00 Conn. 1878. N. J. 1885. Pa. 1876.	\$2.74 <i>Ire.</i> 1886.
Finishers, . . . .	\$30.00 Mass. 1883, 1885.	\$24.00 Mass. 1883, 1886.	\$16.00 Mass. 1891.	\$8.82 Mass. 1885.	\$1.60 <i>Ger.</i> 1873.
Firemen, . . . .	\$18.00 Cal. 1888.	\$14.00 Mass. 1891. Mo. 1870.	\$10.00 N. J. 1882, 1883, 1886.	\$6.00 Mass. 1883, 1886. N. C. 1886, 1887. <i>Belg.</i> 1882. Eng. 1882. <i>Fr.</i> 1883. Scot. 1877, 1880, 1882.	\$2.04 Eng. 1866.
Folders, . . . .	\$15.00 Mass. 1874- 1876, 1879, 1891. N. Y. 1888.	\$11.52 Me. 1871- 1873.	\$7.98 Conn. 1886. Me. 1887. N. H. 1866.	\$4.50 Ga. 1886. Ind. 1877- 1880. Mass. 1883. Mo. 1876, 1877, 1879, 1880. N. Y. 1876, 1884, 1885. Vt. 1886.	\$0.96 Eng. 1886.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>WORSTED GOODS</b>					
— Con.					
Frame tenders, . . .	\$12.00	\$9.00	\$6.91	\$4.38	\$1.86
	Mass. 1891. N. J. 1882, 1883.	Mass. 1885. N. J. 1883. N. Y. 1888. Pa. 1876.	Mass. 1891.	Eng. 1885.	Eng. 1886.
Loom fixers, . . .	\$24.00	\$18.00	\$13.50	\$8.25	\$2.88
	Cal. 1867- 1885. Mass. 1891. Utah 1871- 1880.	Cal. 1888. Ind. 1871- 1873, 1880. Mass. 1885, 1891. N. Y. 1888. Pa. 1873- 1878, 1888, 1889.	Conn. 1870- 1875. Del. 1886. Ill. 1876. Ind. 1865- 1872, 1875- 1878. Mass. 1866- 1873. N. J. 1886. Pa. 1886, 1888. R. I. 1888. Vt. 1870, 1871.	Vt. 1864, 1865.	It. 1886.
Menders, . . .	\$13.84	\$10.50	\$7.50	\$4.25	\$0.96
	N. Y. 1888.	Mass. 1891. N. Y. 1888.	Mass. 1891. N. J. 1886. N. Y. 1864, 1866, 1868, 1885. Pa. 1886.	N. Y. 1888.	Eng. 1866.
Overseers, . . .	\$38.46	\$30.00	\$21.00	\$12.20	\$3.36
	Mass. 1883.	Mass. 1883, 1885, 1891. N. Y. 1888.	Mass. 1885.	Eng. 1886.	Eng. 1887.
Packers, . . .	\$24.00	\$16.50	\$13.08	\$7.20	\$1.50
	Conn. 1874.	R. I. 1889.	Pa. 1886.	Mass. 1891.	Belg. 1883.
Pickers, . . .	\$24.00	\$17.88	\$12.75	\$6.96	\$1.15
	Pa. 1878.	Del. 1877.	Pa. 1878.	Md. 1865. Mass. 1885.	China 1889. Russ. 1882.
Quillers, . . .	\$12.00	\$9.21	\$7.26	\$5.00	\$3.00
	Mass. 1891.	Mass. 1891.	Mass. 1874.	N. J. 1883, 1888. N. Y. 1888.	Mass. 1851- 1853, 1891. N. J. 1883, 1884. N. C. 1886. Va. 1886.
Reelers, . . .	\$18.00	\$13.26	\$9.42	\$5.23	\$0.96
	N. J. 1882.	Md. 1886.	Ohio 1886.	Mass. 1836.	Scot. 1866, 1871.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Manufactures — Con.</b>					
<b>WORSTED GOODS</b>					
— Con.					
Second hands, . . .	\$36.00 Mass. 1891.	\$27.00 Mass. 1883.	\$18.00 Mass. 1868- 1874, 1877, 1878, 1883, 1886. N. J. 1886. N. Y. 1886, 1888.	\$9.54 R. I. 1875.	\$1.13 Pol. 1882.
Section hands, . . .	\$21.00 Mass. 1883, 1891.	\$16.80 Mass. 1885.	\$12.60 Mass. 1875, 1876.	\$8.28 N. Y. 1880.	\$4.00 Pol. 1882.
Shearers, . . .	\$24.00 Cal. 1867- 1875.	\$18.00 Ind. 1871- 1874. Mass. 1885. Utah 1871- 1880.	\$13.50 Ind. 1864- 1880. Mass. 1871- 1873, 1885.	\$7.80 N. H. 1865, 1866.	\$2.00 <i>Bohemia</i> 1885.
Spare hands, . . .	\$18.00 Mass. 1885.	\$12.00 Mass. 1891.	\$9.92 Mich. 1889.	\$5.76 N. H. 1886.	\$1.50 <i>Ger.</i> 1886.
Spinners, . . .	\$18.00 Mass. 1885. N. Y. 1888.	\$13.50 Mass. 1883.	\$9.00 N. J. 1881, 1883.	\$4.80 <i>Austria</i> 1885. <i>Fr.</i> 1887, 1890.	\$0.30 <i>Eng.</i> 1868.
Spooler tenders, . . .	\$12.00 Mass. 1885. Pa. 1871. R. I. 1889.	\$9.00 Cal. 1888. Ind. 1886. Mass. 1883, 1885. N. J. 1861, 1867, 1880. Pa. 1870, 1888.	\$6.48 Mass. 1883. N. J. 1876, 1877.	\$3.72 N. Y. 1855- 1862, 1866, 1877.	\$0.92 <i>Swit.</i> 1882.
Twisters, . . .	\$21.00 Pa. 1888.	\$16.00 N. J. 1886.	\$10.98 Mass. 1883.	\$5.94 Mass. 1883.	\$0.81 <i>It.</i> 1862.
Warpers, . . .	\$26.50 N. Y. 1888.	\$18.00 Cal. 1874- 1880, 1885.	\$13.68 N. Y. 1870.	\$7.30 <i>Eng.</i> 1878.	\$0.96 <i>Scot.</i> 1883.
Weavers, . . .	\$36.00 Mass. 1883.	-	\$18.00 Mass. 1891.	\$9.50 R. I. 1889.	\$0.79 <i>Eng.</i> 1831.
Winders, . . .	\$16.66 Conn. 1860.	\$12.00 Mass. 1885, 1891. N. J. 1881, 1885. Pa. 1870, 1880, 1890. R. I. 1889.	\$8.55 N. Y. 1887.	\$4.68 Mass. 1837, 1869.	\$0.76 <i>Eng.</i> 1886.

## BRANCHES OF EMPLOYMENT. RECAPITULATION—Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Laborers.</b>					
Artisans' tools, . . .	\$16.50 Mich. 1891.	\$13.50 Ill. 1886. Mich. 1884.	\$10.06 Ohio 1872- 1874.	\$6.90 Mass. 1879.	\$3.60 Mass. 1840.
Boots and shoes, . . .	\$18.00 Mo. 1890.	\$14.00 N. Y. 1885.	\$10.11 Ohio 1878.	\$6.48 Mo. 1890.	\$2.40 Scot. 1866.
Boxes (paper and wooden), . . . .	\$12.00 N. Y. 1886, 1888.	-	\$7.50 Mass. 1885, 1891. Ohio 1880, 1884. Wis. 1875, 1880.	-	\$3.00 N. Y. 1888. Ohio 1878, 1884.
Brick, tiles, and sewer pipe, . . . . .	\$15.00 Mo. 1873.	\$11.54 Mass. 1885.	\$8.40 Ohio 1865.	\$5.04 Eng. 1878.	\$1.74 <i>Bohemia</i> 1885.
Building, . . . .	\$24.00 N. Y. 1887.	\$18.00 Cal. 1888.	\$12.15 Nebr. 1890.	\$6.75 Ohio 1880.	\$1.42 Ger. 1883.
Carriages and wagons,	\$16.00 Ohio 1884.	\$12.96 N. Y. 1873.	\$9.48 Mo. 1890.	\$6.24 Eng. 1877, 1880.	\$3.00 Ohio 1880, 1884.
Cooking, lighting, and heating apparatus, .	\$15.00 Mass. 1891.	\$12.00 Ind. 1886. Mass. 1885, 1891. Mich. 1891. Mo. 1861, 1862. N. Y. 1888. Ohio 1881. Pa. 1888.	\$9.00 Conn. 1874, 1875. Ill. 1863- 1874, 1878, 1879, 1886. Ind. 1886. Mass. 1865, 1876, 1880, 1885, 1891. Mich. 1886. Mo. 1850- 1858, 1860. N. Y. 1888. Ohio 1870- 1873, 1877, 1879, 1881, 1884, 1886. Pa. 1875, 1877.	\$6.00 Ill. 1850- 1859. Ind. 1877, 1878. Mass. 1863. N. Y. 1880. Ohio 1878, 1884, 1885.	\$3.00 Mich. 1891.
Cotton goods, . . .	\$21.00 Mass. 1885.	\$15.00 Mass. 1860, 1861, 1866- 1868. Pa. 1879.	\$11.00 R. I. 1887.	\$6.00 Cal. 1867- 1880, 1886. Conn. 1854- 1864, 1868- 1871, 1874- 1877, 1880, 1886.	\$1.20 <i>Austria</i> 1885.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
Laborers — Con. Cotton goods — Con.				Ill. 1858- 1862, 1864, 1865, 1868- 1880, 1885. Ind. 1854, 1855, 1857- 1863, 1866- 1870, 1879, 1880, 1886. Iowa 1886. Ky. 1870- 1873, 1877. Me. 1854- 1856, 1859- 1863, 1875- 1880. Md. 1880, 1886. Mass. 1850, 1852-1857, 1860-1863, 1870-1876, 1878-1880, 1883, 1886, 1891. Mo. 1868- 1877, 1880. N. H. 1840, 1845, 1850- 1856, 1858- 1860, 1863- 1865, 1880. N. J. 1884- 1886, 1888. N. Y. 1854- 1857, 1863, 1871, 1872, 1876, 1886- 1888. N. C. 1887. Ohio 1877, 1881, 1884. Pa. 1876, 1878, 1879. R. I. 1866- 1880. Vt. 1876, 1877, 1880. Wis. 1875- 1880. Can. 1882.	



## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Laborers — Con.</b>					
Earthen, plaster, and stone ware, . . .	\$21.00 N. Y. 1888.	\$13.50 N. Y. 1888. Ohio 1880.	\$11.00 Mass. 1885. Ohio 1884.	\$6.00 N. Y. 1888. Ohio 1853- 1861, 1877, 1878. Pa. 1877, 1879.	\$1.20 <i>Moravia</i> 1895.
Food preparations, .	\$18.00 Cal. 1861- 1890. N. Y. 1888.	\$13.50 Ind. 1870, 1871.	\$9.72 Minn. 1886.	\$5.40 Iowa 1869.	\$1.32 <i>Bohemia</i> 1885. <i>Eng.</i> 1880.
Furniture, . . .	\$16.00 N. Y. 1885.	\$13.50 N. Y. 1888.	\$9.60 Mich. 1869- 1873.	\$6.50 Pa. 1873.	\$3.00 Ill. 1857.
Gas and residual prod- ucts, . . . . .	\$17.31 Mass. 1885.	\$13.20 Ohio 1879.	\$9.60 Ill. 1886.	\$5.76 <i>Eng.</i> 1877.	\$1.92 <i>Moravia</i> 1885.
Glass, . . . . .	\$18.00 N. Y. 1888. Pa. 1879.	\$13.98 Pa. 1875.	\$9.84 Mo. 1887.	\$5.76 N. J. 1884, 1885.	\$1.40 <i>Austria</i> 1885.
Leather, . . . . .	\$16.00 Mass. 1885.	\$12.00 Cal. 1866, 1885, 1886. Conn. 1871, 1875. Mass. 1885. N. Y. 1888.	\$9.00 Conn. 1875, 1876. Del. 1886. Mass. 1885. Mo. 1877- 1880, 1887. N. J. 1888. N. Y. 1851- 1859, 1865- 1878, 1888. Ohio 1874- 1881, 1885. Pa. 1874, 1875, 1877- 1880, 1888. W. Va. 1871- 1873.	\$5.40 N. Y. 1880. Pa. 1876, 1880.	\$1.68 <i>Moravia</i> 1885.
Liquors: malt, dis- tilled, and fermented,	\$20.00 Ohio 1880.	\$15.00 Mass. 1883, 1891. N. Y. 1888. Ohio 1880, 1884.	\$10.80 Mich. 1884.	\$6.60 Mass. 1885.	\$2.00 <i>Bohemia</i> 1885.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Laborers — Con.</b>					
Lumber, . . . .	\$30.00 N. Y. 1887.	\$24.00 N. Y. 1888.	\$18.00 Mich. 1885. N. Y. 1887, 1888. Ohio 1887.	\$10.50 Conn. 1875. Fla. 1876, 1877. Ill. 1884. Me. 1870- 1875. Mich. 1865, 1870-1872, 1874, 1875, 1878, 1884. Mo. 1865, 1868, 1870, 1873-1875, 1880, 1887. N. J. 1884. N. Y. 1888. Ohio 1880, 1884. Pa. 1876, 1879, 1880. Tex. 1872, 1879. Wis. 1866, 1881.	\$3.00 N. C. 1855, 1887. Ohio 1880. Pa. 1879.
Machines and ma- chinery, . . . .	\$18.00 Mass. 1866.	\$13.60 Mass. 1885.	\$9.48 Ohio 1873.	\$5.25 Mich. 1858- 1862. N. Y. 1857.	\$1.02 Ger. 1885.
Metals and metallic goods, . . . .	\$22.98 Mo. 1890.	\$17.70 Pa. 1881, 1882.	\$12.00 Colo. 1883. Conn. 1870- 1877. Del. 1872- 1874. Ill. 1881, 1886. Mich. 1873- 1876, 1891. Mo. 1871, 1885. N. J. 1863, 1864, 1870- 1872. Ohio 1864, 1868, 1870, 1871, 1886, 1887.	\$6.50 Mich. 1891.	\$1.02 <i>Bohemia</i> 1885.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Laborers—Con.</b> Metals and metallic goods—Con.			Pa. 1860- 1862, 1864, 1867, 1871, 1875, 1877- 1879, 1883, 1884. W. Va. 1878, 1879. Wis. 1885. \$14.00		
Paper and paper goods,	\$25.00 N. Y. 1888.	\$18.00 Pa. 1879.	N. Y. 1888.	\$8.00 Del. 1877. Ind. 1869- 1872. N. J. 1883, 1884. Ohio 1880.	\$2.00 <i>Bohemia</i> 1885.
Railroad construction and equipment, . . .	\$15.16 Ore. 1875.	\$12.00 Ind. 1881. Mass. 1885. Mich. 1884, 1891. N. Y. 1888. Ore. 1875.	\$8.70 Mich. 1884.	\$5.40 Iowa 1887. Mich. 1891. Tenn. 1886.	\$2.16 <i>It.</i> 1884.
Shipbuilding, . . .	\$22.50 Ohio 1864- 1870.	\$18.00 Ohio 1874.	\$12.00 Me. 1889. Mass. 1863, 1872, 1885. Mo. 1866, 1867. N. J. 1883. N. Y. 1888. Ohio 1851- 1855, 1857- 1860, 1876- 1879.	\$7.22 Del. 1885. U. S. ( <i>n. s.</i> ) 1885.	\$2.64 <i>Ire.</i> 1860.
Stone, . . . . .	\$27.00 Mo. 1890.	\$21.06 Mo. 1890.	\$13.50 Conn. 1875. Ky. 1868- 1874. Mo. 1882.	\$7.20 Ohio 1881.	\$1.00 <i>Moravia</i> 1885.
Wooden goods, . . .	\$19.92 Mo. 1890.	\$13.00 N. J. 1884.	\$10.50 Cal. 1886. Conn. 1875. N. J. 1884. Ohio 1881. Pa. 1877.	\$6.00 Ind. 1874- 1880. Ky. 1871- 1874, 1876, 1877. Mass. 1883, 1885. N. Y. 1874- 1879, 1888. Ohio 1882. Va. 1886.	\$1.32 <i>Moravia</i> 1885.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Continued.

CLASSIFIED BRANCHES OF EMPLOYMENT.	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Laborers — Con.</b>					
Woollen goods, . . .	\$21.00 Mass. 1885.	\$15.00 Mass. 1860, 1861, 1866- 1868. Pa. 1879.	\$11.00 R. I. 1887.	\$6.00 Cal. 1867- 1880, 1886. Conn. 1854- 1864, 1868- 1871, 1874- 1877, 1880, 1886. Ill. 1858- 1862, 1864, 1865, 1868- 1880, 1885. Ind. 1854, 1855, 1857- 1863, 1866- 1870, 1879, 1880, 1886. Iowa 1886. Ky. 1870- 1873, 1877. Me. 1854- 1856, 1859- 1863, 1875- 1880. Md. 1880, 1886. Mass. 1850, 1852-1857, 1860-1863, 1870-1876, 1878 1880, 1883, 1886, 1891. Mo. 1863- 1877, 1880. N. H. 1840, 1845, 1850- 1856, 1858- 1860, 1863- 1865, 1880. N. J. 1894- 1886, 1888. N. Y. 1854- 1857, 1863, 1871, 1872, 1876, 1886- 1888. N. C. 1887.	\$1.20 <i>Austria</i> 1885.

## BRANCHES OF EMPLOYMENT. RECAPITULATION — Concluded.

CLASSIFIED BRANCHES OF EMPLOYMENT. .	GRADES OF WEEKLY WAGES				
	High	Medium High	Medium	Medium Low	Low
<b>Laborers — Con.</b>					
Woollen goods — Con.				Ohio 1877, 1881, 1884. Pa. 1876, 1878, 1879. R. I. 1866– 1880. Vt. 1876, 1877, 1880. Wis. 1875– 1880. Can. 1882.	
Mining, . . . .	\$21.00 Mass. 1885. N. Y. 1889.	\$16.00 Me. 1889.	\$11.04 Pa. 1883.	\$6.18 Mass. 1839.	\$1.14 Fr. 1885.
Not classified, . . .	\$36.00 Cal. 1885.	\$30.00 Cal. 1885. Ill. 1882. N. Y. 1886.	\$18.00 Cal. 1888. Colo. 1888. Mass. 1883. N. J. 1884. N. Y. 1886.	\$9.55 Iowa 1885.	\$1.14 Bohemia 1885.

*Recapitulation of Graded Prices.*

The recapitulation which follows is based upon the statistics relating to prices in the main presentation, pages 272–651 of this volume. In form it corresponds to the recapitulation of Graded Wages which precedes it, and it therefore requires no particular explanation. The method upon which it was prepared will be fully understood from the description of that used in summarizing the different grades of wages by localities, set forth on pages 651–653, the High, Medium High, Medium, Medium Low, and Low quotations as to prices being based upon the entire range of quotations given in the main presentation, without discrimination as to State or country, for the entire series of years for which quotations were available, exactly as was done with respect to wages in the preceding recapitulation.



## KINDS OF ARTICLES, ETC. RECAPITULATION.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Board.</b>						
Board (females),	wk.	\$7.00 Conn. 1874.	\$6.00 Conn. 1874. Tenn. 1870, 1880.	\$4.12 N. J. 1867.	\$2.75 Conn. 1875. Mo. 1880. Pa. 1870, 1874-1877.	\$1.24 Eng. 1883. .
Board (males),	wk.	\$7.00 Conn. 1874. Ky. 1864- 1866.	\$5.50 Ill. 1870, 1873, 1874. Ohio 1871, 1872. Pa. 1868, 1873, 1874.	\$4.00 Conn. 1874. Ill. 1858, 1859, 1876, 1880. Ind. 1862, 1866-1880. Iowa 1871- 1876. Kans. 1871, 1872, 1876- 1879. Ky. 1851- 1855, 1859- 1862, 1871- 1874, 1877- 1880. Mass. 1880, 1885, 1891. Mo. 1862, 1875, 1879, 1880. N. Y. 1879, 1880. Ohio 1855, 1863-1870, 1873-1880. Pa. 1863, 1864, 1876- 1879. Tenn. 1879. It. 1878.	\$2.50 Ill. 1861- 1864. Ind. 1859, 1860. Iowa 1861- 1863. Mass. 1885, 1891. Pa. 1851- 1862. Tenn. 1851. W. Va. 1862- 1866.	\$0.92 N. C. 1888.
<b>Boots and Shoes.</b>						
Boots, men's	pair	\$14.00 Conn. 1874.	\$10.00 Minn. 1890. Sicily 1885.	\$7.50 Ind. 1865- 1867, 1880. N. J. 1878.	\$4.00 Conn. 1860, 1864-1866, 1868, 1871- 1873, 1876. Ill. 1864- 1867, 1871- 1873, 1875- 1880.	\$0.60 Sicily 1885.

## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES					
		High	Medium High	Medium	Medium Low	Low	
Boots and Shoes — Con. Boots, men's-Con.					Ind. 1861, 1864-1867, 1869, 1870, 1879. Iowa 1877- 1880. Mass. 1885, 1891. Minn. 1890. Mo. 1858- 1861, 1863- 1868, 1870. N. J. 1878. N. Y. 1863, 1880. Ohio 1861- 1863, 1867- 1870, 1873- 1876, 1878- 1880. Pa. 1870, 1871, 1876- 1880. W. Va. 1856- 1860, 1876, 1877, 1879. Asia 1885.		
Boots, women's .	pair	\$6.00 Conn. 1874, 1875. Fr. 1885.	\$5.00 Conn. 1874, 1875. Asia 1885.	\$3.50 Conn. 1874.	\$2.00 Mass. 1885, 1891. Asia 1885.	\$0.50 Conn. 1874.	
Boots, children's	pair	\$6.00 Conn. 1874.	\$4.25 Mass. 1880.	\$3.10 Wis. 1880.	\$1.65 Mass. 1880.	\$0.25 Conn. 1875.	
Shoes, men's .	pair	\$10.00 W. I. 1881.	\$8.00 Minn. 1890. W. I. 1881.	\$5.50 N. J. 1878.	\$3.08 Swit. 1885.	\$0.60 Sicily 1885.	
Shoes, women's .	pair	\$10.00 W. I. 1881.	\$8.00 Pa. 1884. W. I. 1881.	\$5.00 Minn. 1890. Mo. 1889.	\$2.75 Iowa 1885. Mass. 1880. Ohio 1882. It. 1885.	\$0.60 Swit. 1881.	
Shoes, children's	pair	\$6.00 Minn. 1890.	\$5.00 Minn. 1890.	\$3.00 Minn. 1890. Sicily 1885.	\$1.50 Mass. 1885, 1891. Minn. 1890. Mo. 1880. Spain 1885.	\$0.15 Swit. 1881, 1885.	

## KINDS OF ARTICLES, Etc. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Cereals, etc.</b>						
Flour (buck- wheat), . . . lb.		\$0.08½ Mass. 1847.	\$0.06 Mass. 1880, 1885, 1891.	\$0.05 Mass. 1880, 1885, 1891. Wis. 1884.	\$0.04 Mass. 1859, 1880, 1885, 1891. Wis. 1880.	\$0.02½ Mass. 1891. Can. 1882, 1887.
Flour (graham), lb.		\$0.05 Mass. 1891.	\$0.04½ Mass. 1836.	\$0.03½ Mass. 1850.	\$0.03 Mass. 1851, 1891. Wis. 1880- 1884. Can. 1882.	\$0.02½ Minn. 1890.
Flour (rye), . lb.		\$0.13 <i>Austria</i> 1878.	\$0.10 <i>Bohemia</i> 1885.	\$0.08 <i>Bohemia</i> 1885.	\$0.04½ Conn. 1875. Md. 1867. Mass. 1868. Mo. 1869. Ohio 1865, 1871, 1872. Pa. 1864, 1867, 1869, 1870. Ger. 1883. <i>Prussia</i> 1882. <i>Wurtemberg</i> 1882.	\$0.01 Iowa 1861, 1862, 1887. Mich. 1885. Ohio 1853- 1856.
Flour (wheat), . lb.		\$0.13 <i>Fr.</i> 1889.	\$0.10 Conn. 1864. Fla. 1866, 1867. Mass. 1867. Mo. 1867. N. Y. 1867. <i>Brazil</i> 1882. <i>Ecuador</i> 1883. <i>Fr.</i> 1884, 1885. <i>It.</i> 1878, 1879, 1884. <i>Mex.</i> 1881.	\$0.07 Conn. 1867, 1868, 1872, 1874. Fla. 1866, 1869. Ill. 1867. Ind. 1866, 1867. Me. 1866, 1868. Md. 1865, 1867, 1868. Mass. 1837, 1865-1868. Mo. 1864- 1868. N. J. 1867. N. Y. 1864- 1866, 1869. Pa. 1865, 1866, 1868, 1869.	\$0.04 Colo. 1888. Conn. 1853, 1860-1864, 1867, 1869- 1871, 1874- 1880, 1887. Fla. 1869, 1871-1877. Ill. 1854, 1855, 1865, 1869-1880, 1884. Ind. 1851, 1854-1857, 1859, 1861, 1862, 1865, 1869-1879. Iowa 1863- 1866, 1885. Kans. 1873- 1875, 1880. Ky. 1872, 1877.	\$0.01 Colo. 1888. Iowa 1861. Mo. 1884, 1889. Ohio 1882. Wis. 1884.

## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES					
		High	Medium High	Medium	Medium Low	Low	
Cereals, etc. — Con.							
Flour (wheat) — Con.				Brazil 1882. Eng. 1885. Fr. 1869, 1876, 1883. Ger. 1889. Mex. 1883. Prussia 1878. Spain 1889. Swit. 1878, 1879, 1884.	Me. 1858, 1888, 1889. Md. 1853, 1858-1863, 1869, 1871, 1885. Mass. 1831- 1833, 1835- 1839, 1841, 1842, 1845, 1847-1850, 1853, 1854, 1856-1864, 1869-1878, 1880, 1881, 1885, 1891. Mich. 1828, 1829, 1831, 1835, 1841, 1847, 1853- 1856, 1863, 1865, 1873, 1877, 1882, 1885, 1886, 1888. Mo. 1854- 1857, 1859- 1863, 1865, 1869, 1870, 1872, 1875- 1878, 1884. N. J. 1855, 1857, 1859- 1862, 1874, 1876, 1878- 1880, 1882, 1884-1886. N. Y. 1851- 1863, 1866- 1880, 1882, 1884. Ohio 1863- 1880, 1882. Pa. 1856, 1858-1863, 1869-1871, 1873-1882, 1884-1886. Tenn. 1857, 1871, 1873- 1880.		

## KINDS OF ARTICLES, Etc. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
Cereals, etc. — Con.					U. S. ( <i>n. s.</i> ) 1881.	
Flour (wheat) — Con.					W. Va. 1851 1861-1870. Wis. 1880- 1883. Aus. 1881. <i>Bavaria</i> 1882. <i>Can.</i> 1882. <i>China</i> 1889. <i>Den.</i> 1878. <i>Eng.</i> 1873, 1878, 1882, 1884, 1885. <i>Fr.</i> 1879, 1884. <i>Ger.</i> 1875- 1880, 1882, 1885-1889. <i>Hesse</i> 1887, 1888. <i>Hol.</i> 1884, 1885. <i>Ire.</i> 1878, 1879, 1884. <i>It.</i> 1889. <i>Japan</i> 1887. <i>Prussia</i> 1882. <i>Saxony</i> 1882. <i>Scot.</i> 1878, 1879, 1883, 1884. <i>Spain</i> 1878. <i>Swit.</i> 1884, 1885. <i>Wales</i> 1878. <i>W. I.</i> 1889. <i>Wurtemberg</i> 1882.	
Meal (corn),	lb.	\$0.11 <i>W. I.</i> 1891.	\$0.07 <i>Mass.</i> 1891.	\$0.06 <i>Mass.</i> 1880, 1885. <i>Ger.</i> 1884, 1885.	\$0.03½ <i>Conn.</i> 1864. <i>Tenn.</i> 1864. <i>Can.</i> 1887. <i>Eng.</i> 1881.	\$0.01 <i>Conn.</i> 1860- 1863, 1876- 1880, 1887. <i>Ill.</i> 1854, 1858-1860, 1880, 1884.



## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Cereals, etc.</b> — Con. Meal (corn) — Con.						Ind. 1851- 1860, 1866, 1868-1876, 1878-1880. Iowa 1861, 1862, 1868- 1872, 1885, 1887. Kans. 1871- 1880, 1888. Ky. 1877, 1880. Mass. 1830, 1832, 1833, 1837, 1840- 1845, 1848- 1852, 1856, 1861, 1878, 1879. Mich. 1885. Minn. 1888, 1890. Mo. 1851- 1853, 1855, 1856, 1858- 1862, 1876, 1878-1880. N. Y. 1862, 1871-1878, 1880. Ohio 1851- 1860, 1873- 1880, 1887. Pa. 1851, 1852, 1858- 1861, 1871, 1873, 1875, 1878-1880, 1885. Tenn. 1851, 1855, 1876, 1878-1880. W. Va. 1851- 1880. \$0.01 Mass. 1846, 1847, 1850, 1860.
Meal (rye), . . lb.		\$0.04 Me. 1878. Mass. 1837, 1891.	\$0.03½ Me. 1858, 1888.	\$0.02½ Ger. 1878.	\$0.02 Mass. 1830- 1835, 1838, 1840-1850, 1852, 1857- 1860. Ger. 1850.	

## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Cereals, etc.</b> — Con.						
Oatmeal, . . .	lb.	\$0.20 W. I. 1881.	\$0.15 Aus. 1854. W. I. 1881.	\$0.11 Minn. 1890.	\$0.06 Cal. 1884. Mass. 1858, 1880, 1885, 1891. N. J. 1884, 1885. Aus. 1872, 1875, 1876, 1878, 1880, 1881, 1884, 1885. Eng. 1882. Ger. 1885.	\$0.01 Ger. 1886.
Rice, . . .	lb.	\$0.25 Fla. 1866.	\$0.20 Ill. 1862- 1865. Ind. 1863, 1864. Mo. 1865. N. Y. 1865. Ohio 1864- 1866. Pa. 1864, 1865. W. I. 1881.	\$0.14 Colo. 1888. Conn. 1864, 1868, 1875. Fla. 1868. Ill. 1866. Iowa 1887. Me. 1867, 1868. Md. 1866. Mass. 1864, 1872, 1873. Mich. 1847, 1865. N. J. 1864- 1869. Pa. 1865, 1871-1873, 1885.	\$0.08 Conn. 1857, 1862, 1875. Fla. 1878- 1880. Ill. 1856, 1880. Iowa 1879, 1880, 1887. Ky. 1873, 1888. Md. 1876- 1880. Mass. 1855, 1861, 1877, 1880, 1885, 1891. Mich. 1847, 1848, 1872, 1876, 1878, 1880, 1881, 1885. Minn. 1890. Mo. 1852, 1853, 1858, 1860, 1877, 1879, 1880. N. J. 1853, 1857, 1861, 1862. N. Y. 1851- 1856, 1861- 1863, 1875- 1880, 1884.	\$0.02 Mich. 1825, 1826, 1830, 1834, 1842, 1843. Ger. 1882. Japan 1880, 1887.

## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES					
		High	Medium High	Medium	Medium Low	Low	
Cereals, etc. — Con. Rice — Con.					Ohio 1852, 1853, 1856- 1862, 1871- 1877, 1879, 1880. Pa. 1851- 1862, 1877, 1878, 1880, 1884-1886. Tenn. 1857, 1871, 1875- 1877. W. Va. 1851- 1859, 1877, 1879, 1880. Aus. 1850- 1852, 1861, 1866, 1868, 1881, 1885. <i>Ecuador</i> 1885. <i>Eng.</i> 1878, 1879, 1883- 1885. <i>Ger.</i> 1878.		
Tobacco, . . lb.		\$1.92 <i>Aus.</i> 1852.	\$1.44 <i>Aus.</i> 1862, 1883, 1885.	\$1.00 Pa. 1875. <i>U. S. Colom- bia</i> 1883.	\$0.50 Md. 1885. Mo. 1889. Pa. 1880.	\$0.02 Mich. 1842- 1847.	
Dairy Products.							
Butter, . . lb.		\$1.50 <i>W. I.</i> 1881.	\$1.00 <i>China</i> 1889. <i>Mex.</i> 1882. <i>W. I.</i> 1881.	\$0.80 <i>U. S. Colom- bia</i> 1883. <i>Venezuela</i> 1881.	\$0.42½ Mass. 1869.	\$0.05 Ohio 1851.	
Cheese, . . lb.		\$1.25 <i>W. I.</i> 1881.	\$1.00 <i>W. I.</i> 1881.	\$0.75 <i>Mer.</i> 1882.	\$0.37½ <i>Mex.</i> 1883.	\$0.02 Mich. 1859, 1861. <i>Ger.</i> 1878.	
Milk, . . . qt.		\$0.20 <i>China</i> 1889. <i>Ecuador</i> 1883.	\$0.16 <i>Aus.</i> 1878.	\$0.12 Colo. 1888. N. J. 1861- 1864, 1870. Pa. 1865. <i>Aus.</i> 1878, 1881, 1885. <i>G u i a n a</i> 1889.	\$0.07 Conn. 1874, 1875. Ill. 1888. Ind. 1851- 1861, 1870- 1880. Iowa 1867- 1870.	\$0.02 Mass. 1846, 1847.	

## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Dairy Products—Con.</b>						
Milk—Con.				<i>Mex.</i> 1882. <i>Sicily</i> 1878, 1889. <i>Spain</i> 1878.	<i>Kans.</i> 1872, 1873, 1875. <i>Me.</i> 1876, 1878. <i>Mass.</i> 1880, 1885, 1888, 1891. <i>Mich.</i> 1885, 1886. <i>Mo.</i> 1871- 1876. <i>N. Y.</i> 1874. <i>Ohio</i> 1857, 1868-1870, 1873-1880. <i>Pa.</i> 1863, 1864, 1874- 1880, 1884, 1885. <i>W. Va.</i> 1870. <i>Eng.</i> 1878. <i>It.</i> 1878, 1879, 1884.	
<b>Dry Goods, Clothing, Etc.</b>						
Blankets, . . . pair		\$12.00 <i>Mass.</i> 1891. <i>Pa.</i> 1885.	\$10.00 <i>Pa.</i> 1884.	\$7.00 <i>Mo.</i> 1889. <i>Pa.</i> 1885.	\$4.00 <i>Conn.</i> 1860. <i>Mo.</i> 1889.	\$1.00 <i>Mass.</i> 1891. <i>Mo.</i> 1889.
Calicoes and prints, . . . yd.		\$0.60 <i>Ill.</i> 1864. <i>Ind.</i> 1864.	\$0.45 <i>Ill.</i> 1864, 1865. <i>Ind.</i> 1865. <i>N. J.</i> 1864. <i>Ohio</i> 1863, 1864, 1866. <i>Pa.</i> 1864.	\$0.32 <i>Mass.</i> 1865.	\$0.18 <i>Ill.</i> 1869. <i>Ind.</i> 1866. <i>Mass.</i> 1832. <i>Mo.</i> 1851. <i>Ohio</i> 1867, 1868. <i>Pa.</i> 1862, 1867, 1868, 1882.	\$0.03 <i>Mass.</i> 1891. <i>Mo.</i> 1889.
Coats, men's . . each		\$25.62 <i>Mass.</i> 1840.	\$20.00 <i>Iowa</i> 1885.	\$13.00 <i>Wis.</i> 1884.	\$6.84 <i>Mass.</i> 1859.	\$0.60 <i>Ger.</i> 1885.
Cotton flannel, . yd.		\$0.90 <i>Ill.</i> 1865. <i>Ind.</i> 1864, <i>Ohio</i> 1863.	\$0.65 <i>Conn.</i> 1865. <i>Ill.</i> 1862- 1866. <i>Mo.</i> 1865. <i>Ohio</i> 1862.	\$0.48 <i>Conn.</i> 1866.	\$0.26½ <i>Mass.</i> 1872.	\$0.05 <i>Mo.</i> 1889.

## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Dry Goods, Clothing, Etc. — Con.</b>						
Flannel, . . . yd.		\$1.75 W. I. 1881.	\$1.25 N. Y. 1882.	\$0.91 Pa. 1884.	\$0.50 Conn. 1860. Iowa 1885. Md. 1882. Mass. 1838, 1880, 1891. Mo. 1889. Ohio 1882. Pa. 1884.	\$0.08 Mass. 1891.
Gingham, . . . yd.		\$0.41 Mass. 1830.	\$0.33 Mass. 1831, 1832, 1834, 1855.	\$0.23 Mass. 1856.	\$0.14 Mass. 1849, 1856, 1857, 1880.	\$0.05 Iowa 1885. Mass. 1891. Mo. 1889.
Gloves, . . . pair		\$2.00 Mass. 1891.	\$1.40 Mo. 1889.	\$1.04 Mass. 1855.	\$0.54 Mass. 1832.	\$0.06 Mass. 1844.
Hats, men's . . each		\$6.00 Mass. 1833, 1838.	\$4.50 Mass. 1845.	\$3.00 Md. 1885. Mass. 1855, 1856, 1880, 1891. Mo. 1889.	\$1.57 Mass. 1858.	\$0.13 Mass. 1848.
Hose (cotton, woollen, etc.), . pair		\$1.25 Mass. 1857, 1891.	\$0.91 Mass. 1832.	\$0.65 Mass. 1834, 1885. Mo. 1889. Wis. 1880, 1881, 1882.	\$0.35 Mo. 1889.	\$0.05 Mass. 1891. Mo. 1889.
Muslin, . . . yd.		\$1.00 Mass. 1837.	\$0.75 Mass. 1838, 1841.	\$0.51 Mass. 1834.	\$0.29 Mass. 1839.	\$0.04 Ohio 1887. Can. 1882.
Muslin*-de-laine, yd.		\$1.00 W. I. 1881.	\$0.75 Ind. 1864. Ohio 1864. W. I. 1881.	\$0.55 Mo. 1864.	\$0.32½ Ind. 1876.	\$0.09 Ohio 1878, 1880.
Overcoats, . . . each		\$25.00 Wis. 1880, 1881.	\$20.00 Mass. 1857. Mo. 1889. Wis. 1824.	\$14.00 Iowa 1885.	\$8.00 Mass. 1891. Wis. 1884.	\$2.00 Mo. 1889.
Pantaloon, . . . pair		\$10.00 Mass. 1838.	\$8.00 Wis. 1880, 1881.	\$5.50 Wis. 1882.	\$2.65 Mass. 1855.	\$0.50 Mass. 1891.
Satinets, . . . yd.		\$2.00 Ind. 1864. Ohio 1863.	\$1.60 Mo. 1864.	\$1.10 Iowa 1874, 1875. Ohio 1874, 1875.	\$0.60 Conn. 1871, 1872, 1875- 1877, 1880.	\$0.11 W. Va. 1851- 1860.

\* French, "mousseline."



## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Dry Goods, Clothing, Etc. — Con.</b>						
Satinets — Con.				Pa. 1871.	Ill. 1851- 1853, 1867, 1870-1872. Ind. 1856- 1858, 1862, 1868, 1869, 1871, 1872, 1878-1880. Mo. 1871, 1874, 1875. Ohio 1862, 1866-1870, 1872-1877. Pa. 1861, 1862, 1868, 1869, 1876, 1877, 1880. W. Va. 1864, 1865.	
Sheeting (bleach- ed), . . . . .	yd.	\$1.85 Ohio 1865.	\$1.38 Ohio 1866.	\$0.95 Ind. 1863. N. J. 1867.	\$0.50 Ill. 1870. Ind. 1862, 1869-1873. Mass. 1863. Mo. 1866. N. J. 1871- 1873. N. Y. 1869. Ohio 1874. Pa. 1863, 1867, 1869. W. Va. 1863, 1864, 1866.	\$0.05 Mass. 1880, 1885, 1891.
Sheeting (un- bleached), . . . .	yd.	\$1.75 Ohio 1865.	\$1.25 Ohio 1862, 1866.	\$0.90 Ind. 1863, 1866. Ohio 1868.	\$0.47 N. Y. 1869.	\$0.04 Mass. 1891.
Shirting (bleach- ed), . . . . .	yd.	\$0.85 Mo. 1864. Ohio 1863. Pa. 1865.	\$0.65 Ind. 1865. Ohio 1864.	\$0.45 Ill. 1864, 1865. Ind. 1863. Mass. 1863. Mo. 1865. N. J. 1867. Ohio 1866, 1871, 1887.	\$0.25 Conn. 1863, 1869, 1874. Ill. 1861, 1866-1869. Ind. 1866, 1868-1870. Mass. 1869- 1871.	\$0.06 Ohio 1887. Eng. 1878.

## KINDS OF ARTICLES, Etc. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Dry Goods, Clothing, Etc.</b> — Con.						
Shirting (bleached) — Con.				Pa. 1863, 1867.	Mo. 1866- 1869, 1871. N. J. 1867, 1868. N. Y. 1869. Ohio 1867, 1868, 1873, 1874. Pa. 1862, 1868, 1870. W. Va. 1867, 1868. W. I. 1881.	
Shirting (unbleached),	yd.	\$0.90 Ill. 1864.	\$0.70 Ill. 1865. Ind. 1864. Ohio 1864.	\$0.50 Conn. 1864. Ill. 1862- 1864. Ind. 1863- 1868. Mo. 1863, 1865. Ohio 1862, 1863, 1865, 1869. Pa. 1864, 1865. W. Va. 1865.	\$0.28 Conn. 1866. N. J. 1866.	\$0.06 Iowa 1887. W. Va. 1860. Eng. 1878.
Suits, men's	each	\$35.00 Mo. 1889.	\$28.00 Wis. 1880, 1881.	\$18.00 Wis. 1880, 1881.	\$10.00 Mass. 1880, 1885, 1891.	\$2.14 Ger. 1885.
Ticking,	yd.	\$1.25 Ohio 1863, 1864.	\$1.00 Ind. 1864. Mo. 1864. Ohio 1863- 1865. W. Va. 1864.	\$0.65 Conn. 1866. Ill. 1867. Ind. 1865, 1867. Mo. 1867. Ohio 1865, 1867, 1868. Pa. 1865, 1866.	\$0.35 Ill. 1869- 1874. Ind. 1859, 1860, 1862, 1869, 1871- 1873. Iowa 1869, 1870. Kans. 1874, 1875. Mass. 1869. N. J. 1872. N. Y. 1863, 1867, 1869. Ohio 1861, 1870, 1873, 1878-1880.	\$0.06½ Mass. 1891.

## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Dry Goods, Clothing, Etc. — Con.</b>						
Ticking — Con.					Pa. 1869- 1873. Tenn. 1867, 1870, 1872. <i>Argentine Republic</i> 1881.	
Towelling, . . .	yd.	\$0.50 Mo. 1889.	\$0.41 Mass. 1834.	\$0.25 Mo. 1889. Pa. 1885.	\$0.15 Iowa 1885. Mass. 1856, 1857, 1891. Pa. 1885.	\$0.04 Mass. 1891.
Vests, . . .	each	\$4.50 Mass. 1857.	\$3.50 Iowa 1885. Mass. 1858. <i>Scot.</i> 1879.	\$2.25 Mass. 1855.	\$1.25 Mass. 1855.	\$0.26 <i>Eng.</i> 1885.
Woollen dress goods, . . .	yd.	\$1.50 Mass. 1891.	\$1.25 Mass. 1891.	\$0.80 Mass. 1880. Ohio 1887.	\$0.45 Mass. 1891.	\$0.08½ Mo. 1889.
<b>Fish.</b>						
Cod, . . .	lb.	\$0.35 Colo. 1888.	\$0.20 Colo. 1888. <i>U. S. Colom- bia</i> 1883.	\$0.15 Mass. 1891. Mich. 1885.	\$0.08½ Iowa 1887.	\$0.02 Mass. 1830, 1833.
Cod (salt), . . .	lb.	\$0.22 <i>Ecuador</i> 1885.	\$0.18 <i>Ecuador</i> 1885.	\$0.12 Conn. 1866. Fla. 1877. Ind. 1864, 1865, 1867, 1871, 1872. Mass. 1867, 1880, 1885, 1891. Mo. 1864, 1865. N. J. 1865, 1866, 1886. N. Y. 1865. Ohio 1869, 1871, 1872, 1876. Pa. 1865, 1867-1876. Tenn. 1863, 1865, 1866, 1869.	\$0.07 Conn. 1863, 1867, 1868, 1872-1880. Ill. 1875, 1877, 1878. Ind. 1879. Iowa 1862, 1877-1879. Me. 1889. Mass. 1832, 1863, 1872- 1877, 1879. Mich. 1886. Minn. 1890. Mo. 1863, 1877-1880. N. Y. 1858, 1859, 1863, 1866, 1874, 1877-1880, 1884.	\$0.02 Mass. 1833.

## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Fish — Con.</b>						
Cod (salt) — Con.					Ohio 1863, 1874, 1876, 1878. Pa. 1859, 1860, 1865, 1875, 1877, 1884. Tenn. 1873. W. Va. 1879, 1880. <i>Guiana</i> 1889.	
Fish, <i>n. s.</i> , .	lb.	\$1.00 <i>Mex.</i> 1882.	\$0.71½ <i>Ger.</i> 1883.	\$0.47 <i>Ger.</i> 1886.	\$0.24 <i>Eng.</i> 1878.	\$0.02 Me. 1866. Mass. 1830– 1834, 1843. <i>Brazil</i> 1882. <i>Japan</i> 1880.
Haddock, .	lb.	\$0.12 Mass. 1885, 1891.	\$0.10 Mass. 1880, 1885.	\$0.07 Mich. 1886.	\$0.04 Mass. 1839, 1846, 1847, 1891. <i>Eng.</i> 1878, 1882.	\$0.02 Mass. 1830, 1833.
Halibut, .	lb.	\$0.25 Mass. 1885, 1891.	\$0.20 Mass. 1885. <i>Eng.</i> 1883.	\$0.15 Mass. 1880, 1891. Mich. 1886.	\$0.10 Mass. 1860.	\$0.03 Mass. 1836.
Herring, .	doz.	\$1.50 <i>Mex.</i> 1882.	—	\$0.48 <i>Eng.</i> 1882, 1883, 1885.	\$0.28 Mass. 1880.	\$0.06 Mass. 1850.
Mackerel (fresh),	lb.	\$0.40 Pa. 1885.	\$0.25 Pa. 1885.	\$0.22½ <i>Mex.</i> 1882.	\$0.12½ Ill. 1884. Minn. 1890. Pa. 1884.	\$0.02½ Mass. 1885.
Mackerel (salt), .	lb.	\$0.25 Mass. 1867, 1871. Mo. 1851, 1853, 1854, 1865, 1871. N. Y. 1880. Ohio 1864, 1866.	\$0.20 Conn. 1870, 1871, 1873. Mass. 1865, 1867–1876, 1879, 1880, 1891. N. Y. 1870, 1878, 1879. Ohio 1867, 1869, 1872, 1874, 1876.	\$0.14 Conn. 1868, 1874, 1876, 1878. Mass. 1855, 1878, 1880, 1885, 1891. Mich. 1864, 1869. N. J. 1854, 1858, 1867. N. Y. 1867, 1873, 1874.	\$0.08 Conn. 1855– 1857, 1861– 1863, 1876, 1878–1880. Ill. 1853, 1856, 1861. Ind. 1859– 1862, 1868– 1870, 1874– 1878. Iowa 1862, 1880.	\$0.02 Mich. 1826– 1829, 1832.

## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Fish — Con.</b> <b>Mackerel (salt)</b> <b>— Con.</b>			Pa. 1865, 1868, 1869. Tenn. 1871. W. I. 1881.	Ohio 1870. Pa. 1859, 1864, 1876.	Kans. 1877- 1879. Mass. 1847, 1876-1880. Mich. 1853, 1854, 1859, 1862, 1863, 1865, 1881. Mo. 1861- 1863, 1872- 1876. N. J. 1870. N. Y. 1851- 1855, 1858, 1859, 1861- 1863, 1878, 1879. Ohio 1851, 1852, 1855- 1860, 1862, 1864, 1868- 1875, 1877- 1880. Pa. 1853, 1861, 1879, 1880. Tenn. 1857, 1868, 1871- 1880. W. Va. 1862- 1866, 1871, 1873, 1874, 1876-1880.	
Salmon, . . .	lb.	\$1.00 Mich. 1886.	\$0.70 Fr. 1891.	\$0.50 Mass. 1891.	\$0.30 Mass. 1891. Mich. 1886.	\$0.08 Mass. 1844.
<b>Food Products.</b>						
Allspice, . . .	lb.	\$0.64 N. J. 1878.	\$0.48 Mass. 1836, 1840.	\$0.40 Mass. 1832, 1835. Minn. 1890. Mo. 1889.	\$0.25 Mass. 1830, 1833, 1836. Minn. 1890. Wis. 1880- 1882.	\$0.13 Tur. 1881.
Apples (dried), .	lb.	\$0.25 Mass. 1891. Mex. 1883.	\$0.20 Ill. 1884. Ger. 1889.	\$0.14 Conn. 1860. Me. 1888. Mass. 1891.	\$0.08 Ill. 1884. Md. 1885. Mass. 1833, 1838, 1852. Minn. 1890. N. J. 1886.	\$0.02 Eng. 1882, 1883.



## KINDS OF ARTICLES, ETC. RECAPITULATION -- Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Food Products</b> — Con.						
Baking powder, . lb.		\$0.65 Mo. 1889.	\$0.50 Ill. 1884. Mo. 1889.	\$0.35 Pa. 1879.	\$0.20 Ill. 1884. Mass. 1891. Minn. 1890. Mo. 1889.	\$0.05 N. J. 1886.
Baking soda, . lb.		\$0.24 Eng. 1883.	\$0.20 Eng. 1883.	\$0.15 Mass. 1830, 1859. N. J. 1878.	\$0.09 Mass. 1840, 1842, 1843, 1849, 1850.	\$0.04 Mass. 1843, 1891.
Beans (dried), . qt.		\$0.25 Conn. 1868.	\$0.20 Conn. 1868, 1869. Iowa 1877, 1880. Ohio 1868. Pa. 1885.	\$0.14 Conn. 1869. Me. 1867, 1872. Mass. 1872, 1877, 1891. Pa. 1866- 1868, 1878. Ger. 1878.	\$0.08 Conn. 1851, 1853, 1860, 1861, 1866, 1876-1880. Fla. 1879, 1880. Ill. 1866- 1880, 1884. Ind. 1854- 1856. Me. 1887. Mass. 1839, 1841, 1852, 1854-1857, 1860, 1862, 1876, 1878, 1879, 1885, 1891. Mich. 1888. Minn. 1890. Mo. 1858, 1865, 1866, 1874-1880. N. J. 1851, 1852, 1856, 1858, 1859. N. Y. 1851- 1859, 1861- 1863, 1870, 1875, 1878- 1880. Ohio 1857, 1863-1867, 1871, 1877- 1880. Pa. 1854, 1855, 1862, 1877-1879.	\$0.02 Mich. 1885. Ger. 1877.

## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Food Products</b> — Con. <b>Beans (dried)</b> — Con.					Tenn. 1871, 1878-1880. W. Va. 1856- 1859, 1871- 1878. <i>Austria</i> 1878. <i>Eng.</i> 1873, 1878. <i>Fr.</i> 1878. <i>Ger.</i> 1882.	
Beans, string (canned) . . .	can	\$0.25 Mass. 1891.	\$0.20 Mass. 1885, 1891. N. J. 1886.	\$0.15 N. J. 1886.	\$0.10 Mass. 1880, 1885. Mo. 1889. N. J. 1886.	\$0.05 Mo. 1889.
Beef (dried), . .	lb.	\$0.25 Mass. 1891. <i>Mex.</i> 1881.	\$0.22 Conn. 1887.	\$0.17 Wis. 1882.	\$0.14 Conn. 1860. Wis. 1881.	\$0.09½ <i>Brazil</i> 1892.
Chocolate, . .	lb.	\$1.00 <i>Mex.</i> 1882.	\$0.80 Minn. 1890.	\$0.60 Mass. 1885, 1891.	\$0.36 Mass. 1880.	\$0.16 Mass. 1830.
Cinnamon, . .	lb.	\$0.80 N. J. 1878. Pa. 1879.	\$0.60 Mo. 1889.	\$0.48 Mass. 1841.	\$0.30 Wis. 1880, 1882, 1883.	\$0.09½ <i>Tur.</i> 1881.
Cloves, . .	lb.	\$1.60 Mass. 1830.	\$1.00 Mass. 1830.	\$0.96 Mass. 1834.	\$0.60 Mo. 1889.	\$0.20 Mass. 1845, 1859, 1891.
Cocoa, . .	lb.	\$1.00 Minn. 1890. <i>U. S. Colon-</i> <i>bia</i> 1883.	\$0.75 Mass. 1880, 1885.	\$0.60 Mass. 1891.	\$0.35 Me. 1878. Minn. 1890.	\$0.12 <i>Eng.</i> 1878.
Coffee (green), .	lb.	\$0.70 Conn. 1875.	\$0.55 N. Y. 1867. Ohio 1865.	\$0.38 Conn. 1867, 1876. N. Y. 1863, 1870. <i>Ger.</i> 1885.	\$0.22 Conn. 1853. Md. 1872, 1876. Mass. 1872, 1885. Minn. 1890. Mo. 1871, 1878. Ohio 1872, 1873, 1878, 1879, 1887. Pa. 1874- 1878. <i>Eng.</i> 1878. <i>Swe.</i> 1881.	\$0.06 Iowa 1887.

## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Food Products</b> — Con.						
Coffee (roasted),	lb.	\$1.00 <i>W. I.</i> 1881.	\$0.80 <i>N. Y.</i> 1882.	\$0.53 <i>Ger.</i> 1889.	\$0.29 <i>Iowa</i> 1887. <i>Kans.</i> 1885. <i>Ger.</i> 1880. <i>Port.</i> 1878.	\$0.05 <i>Mich.</i> 1845, 1848, 1849.
Corn (canned),	can	\$0.50 <i>Swit.</i> 1878.	-	\$0.22 <i>Minn.</i> 1890.	\$0.14 <i>Mass.</i> 1880, 1891.	\$0.05 <i>Minn.</i> 1890.
Crackers, . .	lb.	\$0.50 <i>Mex.</i> 1882.	\$0.37½ <i>Mex.</i> 1882.	\$0.22 <i>Mass.</i> 1891. <i>Ger.</i> 1884.	\$0.14 <i>N. J.</i> 1882. <i>N. Y.</i> 1882.	\$0.05 <i>Mass.</i> 1891. <i>N. S.</i> 1890.
Cream of tartar, .	lb.	\$0.80 <i>N. J.</i> 1878.	\$0.68 <i>Me.</i> 1868. <i>Mass.</i> 1854.	\$0.50 <i>Me.</i> 1878, 1887, 1888. <i>Mass.</i> 1891. <i>Minn.</i> 1890.	\$0.35 <i>Mass.</i> 1891.	\$0.20 <i>Mass.</i> 1850.
Currants, . .	lb.	\$0.33 <i>Mass.</i> 1856, 1857.	\$0.25 <i>Mass.</i> 1830, 1855, 1856.	\$0.20 <i>Me.</i> 1867. <i>Mass.</i> 1859. <i>Eng.</i> 1882, 1883.	\$0.12 <i>Mass.</i> 1831, 1832, 1848, 1850, 1852, 1891.	\$0.06 <i>Wis.</i> 1884. <i>Eng.</i> 1882, 1883.
Ginger, . .	lb.	\$0.50 <i>Mo.</i> 1889.	\$0.40 <i>Minn.</i> 1890. <i>Mo.</i> 1889. <i>N. J.</i> 1878. <i>Pa.</i> 1879.	\$0.30 <i>Mass.</i> 1891. <i>Minn.</i> 1890.	\$0.20 <i>Mass.</i> 1832, 1833, 1837, 1891.	\$0.12 <i>Mass.</i> 1830, 1834, 1835, 1837, 1839, 1842-1852, 1854-1859.
Lard, . . .	lb.	\$0.40 <i>W. I.</i> 1881.	\$0.30 <i>Fla.</i> 1866. <i>Pa.</i> 1865. <i>Bohemian</i> 1885. <i>U. S. Colom-</i> <i>bia</i> 1883.	\$0.22 <i>Conn.</i> 1864, 1869, 1871- 1873, 1875. <i>Ill.</i> 1869. <i>Ind.</i> 1867. <i>Mass.</i> 1870. <i>N. Y.</i> 1863, 1869. <i>Ohio</i> 1865, 1866, 1868. <i>Pa.</i> 1867, 1870. <i>Hol.</i> 1884, 1885. <i>It.</i> 1878, 1879, 1884. <i>Sicily</i> 1889.	\$0.13 <i>Conn.</i> 1854, 1878. <i>Ill.</i> 1874. <i>Ind.</i> 1872, 1874, 1875, 1879, 1880. <i>Iowa</i> 1887. <i>Me.</i> 1872. <i>Mass.</i> 1840, 1846, 1853, 1854, 1856, 1858, 1871, 1891. <i>Mich.</i> 1830, 1860, 1871, 1875, 1881, 1885. <i>Mo.</i> 1874, 1880, 1884. <i>N. J.</i> 1882.	\$0.04 <i>Mich.</i> 1829.

## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Food Products</b> — Con.						
Lard — Con.					N. Y. 1856, 1857, 1863, 1871, 1872, 1876. Ohio 1874. Pa. 1858, 1865, 1872, 1881. Wis. 1880. Sicily 1878.	
Molasses, . . . gal.		\$2.00 Colo. 1888.	\$1.50 Colo. 1888.	\$1.02 Mass. 1831.	\$0.57½ Minn. 1878.	\$0.11 Mass. 1851.
Molasses (New Orleans), . . . gal.		\$1.75 Mo. 1864. Tenn. 1864.	\$1.35 Ind. 1868.	\$0.95 Ind. 1875. Pa. 1871.	\$0.55 Conn. 1856, 1860, 1862. Ky. 1876, 1877. Mich. 1860- 1862. Mo. 1856- 1859, 1861, 1874. N. Y. 1856. Pa. 1856. Tenn. 1874, 1876, 1880.	\$0.16 Mich. 1842.
Molasses (Porto Rico), . . . gal.		\$1.50 Ohio 1867, 1868.	\$1.15 Ohio 1873, 1874.	\$0.87 Conn. 1873.	\$0.55 Ind. 1874, 1875. Ohio 1860, 1880. Pa. 1873, 1874, 1878, 1879.	\$0.23½ Mass. 1852.
Molasses (syrup), gal.		\$2.00 Fla. 1866, 1867. Mo. 1863, 1864. N. Y. 1864, 1866. Ohio 1867.	\$1.60 Conn. 1865. Ind. 1865, 1869, 1870. Mo. 1866. N. J. 1864. Ohio 1864, 1865, 1867. Pa. 1864, 1865.	\$1.12 Conn. 1864, 1873, 1874, 1876, 1880.	\$0.67½ Ky. 1877.	\$0.22 Mass. 1879.
Mustard, . . . lb.		\$0.80 Pa. 1879.	\$0.60 Mass. 1878. Minn. 1890.	\$0.48 Mass. 1843, 1850.	\$0.30 Mass. 1845. Minn. 1890.	\$0.15 Mass. 1844, 1891.

## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Food Products</b> — Con.						
Nutmegs, . . . lb.		\$2.40 Mass. 1830.	\$1.92 Mass. 1830, 1831, 1833, 1837, 1850.	\$1.44 Mass. 1844, 1855, 1860.	\$0.96 Mass. 1891.	\$0.40 Minn. 1890.
Peaches (canned), can		\$0.45 Mass. 1891.	\$0.35 Minn. 1890. <i>Ger.</i> 1878. <i>Saxony</i> 1878.	\$0.25 Mass. 1880, 1885. Mo. 1889. N. J. 1886.	\$0.16 Mass. 1885.	\$0.06½ Kans. 1885.
Peaches (dried), lb.		\$0.37 Ill. 1884.	\$0.30 Ill. 1884. Minn. 1890. N. J. 1886.	\$0.20 Conn. 1860. Ill. 1884. Minn. 1890. N. J. 1886.	\$0.12½ Ill. 1884.	\$0.05 Ill. 1884. N. J. 1886. Wis. 1880.
Pears (canned), . can		\$0.40 Mass. 1880, 1891.	\$0.32 Mass. 1880.	\$0.25 Mass. 1880, 1885, 1891. Minn. 1890. Mo. 1889.	\$0.17 Mass. 1885.	\$0.10 Minn. 1890.
Pease (dried), . qt.		\$0.50 <i>Mex.</i> 1882.	-	\$0.22½ <i>Spain</i> 1889.	\$0.12½ <i>Mex.</i> 1883.	\$0.02 <i>Wurtemberg</i> 1882.
Pepper, . . . lb.		\$1.00 Mass. 1843.	\$0.80 Mass. 1831. <i>Fr.</i> 1882.	\$0.60 Mass. 1846.	\$0.35 Conn. 1887. Minn. 1890. Mo. 1889.	\$0.12 Mass. 1858. <i>Tur.</i> 1881.
Pickles, . . . gal.		\$0.90 Minn. 1890.	\$0.72 Mass. 1891. <i>Scot.</i> 1878.	\$0.60 Minn. 1890.	\$0.40 Mass. 1880, 1885, 1891.	\$0.25 Minn. 1890.
Plums (canned), can		\$0.40 Mass. 1830, 1885, 1891.	\$0.30 Mass. 1830, 1885, 1891. Minn. 1890.	\$0.25 Mass. 1830, 1885, 1891. Mo. 1889.	\$0.20 Kans. 1885. Mass. 1880, 1885. Mo. 1889.	\$0.15 Kans. 1885.
Prunes, . . . lb.		\$0.25 Minn. 1890.	\$0.20 Mass. 1891. Minn. 1890. N. J. 1886.	\$0.15 Mass. 1891.	\$0.10 Mass. 1852, 1859, 1891. Pa. 1880. Wis. 1882. <i>Ger.</i> 1889.	\$0.04½ <i>Austria</i> 1881.
Raisins, . . . lb.		\$0.40 Mass. 1891.	\$0.30 Me. 1868. Mass. 1891. <i>Eng.</i> 1882, 1883.	\$0.22 Mass. 1857.	\$0.14 Me. 1858. Mass. 1850, 1851, 1858, 1860, 1880.	\$0.05 N. J. 1886.
Sago, . . . lb.		\$0.15 Me. 1868.	\$0.12½ Me. 1878.	\$0.10 Me. 1858, 1888.	\$0.07 Mass. 1858. Minn. 1890.	\$0.04 <i>Eng.</i> 1882, 1883.



## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Food Products</b> — Con. Sago — Con.				Mass. 1847, 1848, 1852, 1859, 1891. Eng. 1878.	.	
Salt, . . . lb.		\$0.15 Mo. 1889.	\$0.12 Can. 1882.	\$0.08 Aus. 1855.	\$0.04 Mich. 1866. U. S. Colom- bia 1883.	\$0.00½ Japan 1880.
Sugar, . . . lb.		\$0.32 Me. 1865.	\$0.25 Me. 1866. Mich. 1864. It. 1882. Mex. 1881.	\$0.17 Me. 1867. Mich. 1865. N. Y. 1869. Pa. 1869.	\$0.09½ Mass. 1885. Mich. 1885. N. Y. 1859. Ger. 1878, 1889.	\$0.02 Mass. 1858.
Sugar (brown), . lb.		\$0.30 Tenn. 1863- 1865.	\$0.24 N. J. 1866.	\$0.17 Conn. 1865, 1867, 1868. Ill. 1867- 1870. Ind. 1868. Me. 1868. Mo. 1865. Ohio 1867.	\$0.10½ Colo. 1888. Conn. 1863. Mass. 1862, 1867, 1880. N. Y. 1855, 1876. Pa. 1880.	\$0.04 Mass. 1891. Eng. 1883. Japan 1880. N. S. 1890.
Sugar (granu- lated), . . . lb.		\$0.25 Pa. 1880. Mex. 1882.	\$0.20 Ohio 1877. U. S. Colom- bia 1883. W. I. 1881.	\$0.15 Mass. 1841. Ohio 1877. Belg. 1878. Ger. 1878. It. 1878. Sicily 1878. Spain 1878.	\$0.10 Cal. 1884. Conn. 1860. Iowa 1887, 1888. Mass. 1850, 1878, 1880, 1885. N. J. 1878. Pa. 1881, 1882, 1884. Wis. 1881. Eng. 1878. Ger. 1878. Ire. 1878. Sicily 1878. Wales 1878.	\$0.04½ Mass. 1891.
Sugar (loaf), . lb.		\$0.22 Mex. 1883.	\$0.19 Mass. 1832.	\$0.15 Mass. 1832- 1834, 1844. Ger. 1884.	\$0.12 Pa. 1879. Ger. 1884.	\$0.08 Mass. 1891. Ger. 1886.
Sugar (pow- dered), . . . lb.		\$0.18 Mass. 1836.	\$0.15 Mass. 1830, 1831, 1847.	\$0.12 Conn. 1860. Pa. 1879. Ger. 1878.	\$0.09 Conn. 1887. Ger. 1886.	\$0.05½ Mass. 1891.

## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Food Products</b> — Con.						
Sugar (yellow), . lb.		\$0.40 Tenn. 1863- 1865.	\$0.33 Ill. 1863, 1864.	\$0.23 Conn. 1864. Mo. 1865.	\$0.14½ Mo. 1872.	\$0.05½ N. Y. 1854.
Tapioca, . . lb.		\$0.20 Conn. 1860. Eng. 1878.	\$0.16 Mass. 1857, 1859. Scot. 1878.	\$0.12 Mass. 1843, 1845, 1846, 1849-1851, 1854. Eng. 1878.	\$0.08 Eng. 1882, 1883.	\$0.04 Eng. 1882, 1883.
Tea, . . . lb.		\$3.00 Mex. 1882. Russ. 1878. Spain 1889.	\$2.25 Ill. 1864. Ohio 1867.	\$1.58 Mass. 1868. Fr. 1878.	\$0.86½ Colo. 1888.	\$0.15 Mo. 1889.
Tea (black), . lb.		\$2.00 Conn. 1864.	\$1.50 Mass. 1891. N. Y. 1870.	\$1.00 Conn. 1869, 1870. Iowa 1887. N. J. 1878. Ohio 1877.	\$0.60 Conn. 1876, 1878. Iowa 1887. Mass. 1843, 1885. Minn. 1890. Mo. 1889. N. J. 1878. Ohio 1877, 1887. Eng. 1873.	\$0.20 Iowa 1887.
Tea (green), . lb.		\$1.30 Swit. 1878.	\$1.00 Mass. 1831, 1832. Mich. 1885. N. J. 1878. Ohio 1877. Pa. 1875.	\$0.80 Minn. 1890. Mo. 1889.	\$0.55 Mich. 1885.	\$0.30 Iowa 1887.
Tomatoes (canned), can		\$0.35 Ger. 1878.	\$0.23 Mass. 1891.	\$0.20 Mass. 1891.	\$0.12½ Kans. 1885. Minn. 1890. Mo. 1889. N. J. 1886. Hawaii 1881.	\$0.05 N. J. 1886.
Vinegar, . . gal.		\$0.64 It. 1878.	\$0.50 Me. 1868. Minn. 1890. Fr. 1882.	\$0.36 N. J. 1886. Fr. 1889.	\$0.23 Mass. 1835.	\$0.09½ Ger. 1883.
<b>Fruits.</b>						
Apples, . . bu.		\$2.40 Mass. 1880.	\$1.80 Mass. 1885. Minn. 1890.	\$1.33 Mass. 1846, 1847.	\$0.79 Mass. 1849.	\$0.25 Mass. 1831. Mo. 1889.

## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Fruits — Con.</b>						
Cranberries, . . .	qt.	\$0.28 <i>Eng.</i> 1883.	\$0.20 <i>Me.</i> 1868.	\$0.16 <i>Eng.</i> 1883.	\$0.10 1887. <i>Minn.</i> 1890.	\$0.03 <i>Mass.</i> 1837.
Lemons, . . .	doz.	\$0.40 <i>Mo.</i> 1889.	\$0.32 <i>Mass.</i> 1843.	\$0.22 <i>Mass.</i> 1837, 1840, 1843, 1847, 1851, 1856, 1885, 1891.	\$0.12 <i>Mass.</i> 1830, 1833, 1834, 1842.	\$0.04 <i>Ecuador</i> 1885.
<b>Fuel.</b>						
Coal (anthracite),	ton	\$20.00 <i>Cal.</i> 1885.	\$16.00 <i>Cal.</i> 1884.	\$11.00 <i>Conn.</i> 1875. <i>Iowa</i> 1876. <i>Kans.</i> 1877- 1880. <i>Mass.</i> 1864, 1869, 1870. <i>Mich.</i> 1825, 1826, 1830, 1837, 1863, 1888. <i>It.</i> 1878, 1879, 1884.	\$6.50 <i>Conn.</i> 1860. <i>Me.</i> 1887- 1889. <i>Mass.</i> 1853, 1855, 1856, 1859-1861, 1870, 1879, 1880. <i>Mich.</i> 1834, 1839, 1841, 1856, 1867- 1869, 1873. <i>N. Y.</i> 1872. <i>Ohio</i> 1871, 1872, 1880. <i>Pa.</i> 1864- 1866, 1872, 1874. <i>Wis.</i> 1884.	\$2.00 <i>W. Va.</i> 1871.
Coal (bitumin- ous), . . .	ton	\$10.50 <i>Colo.</i> 1888.	\$8.00 <i>Fla.</i> 1878- 1880. <i>Ind.</i> 1865. <i>Mass.</i> 1867, 1874, 1875, 1880.	\$5.62½ <i>Conn.</i> 1888. <i>Minn.</i> 1888.	\$3.15 <i>Sarony</i> 1878.	\$0.67½ <i>Pa.</i> 1885.
Wood, . . .	cord	\$20.00 <i>Ger.</i> 1878.	\$16.00 <i>Mass.</i> 1866.	\$10.50 <i>Mass.</i> 1855. <i>Pa.</i> 1882.	\$5.75 <i>Conn.</i> 1876. <i>Kans.</i> 1888.	\$1.00 <i>Cal.</i> 1885. <i>Ill.</i> 1861, 1871-1880. <i>Iowa</i> 1887. <i>N. Y.</i> 1851- 1853, 1858, 1859. <i>Ohio</i> 1851- 1860.

## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Laundry Sup- plies.</b>						
Soap, . . . lb.	lb.	\$0.35 Mass. 1838.	\$0.26 Mass. 1839.	\$0.18 Conn. 1866. Me. 1865. Mass. 1857. Can. 1882.	\$0.10 Cal. 1884. Colo. 1888. Conn. 1854, 1857, 1858, 1860, 1862- 1864, 1866- 1870, 1872- 1876, 1878- 1880. Fla. 1872- 1875. Ill. 1884. Ind. 1851- 1857, 1862, 1868-1870, 1872-1880. Iowa 1865, 1870-1873, 1887. Me. 1872. Mass. 1831, 1834, 1835, 1848, 1852, 1854, 1857- 1859, 1870- 1874, 1876. Mich. 1885. Mo. 1852, 1853, 1857- 1859, 1861, 1862, 1867- 1870, 1889. N. J. 1855, 1859, 1860, 1864, 1866- 1869, 1871, 1878, 1882. N. Y. 1855, 1860-1866, 1871-1878, 1882. Ohio 1858- 1874, 1876- 1880. Pa. 1864- 1869, 1882, 1885.	\$0.02 Mass. 1891.

## KINDS OF ARTICLES, Etc. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
Laundry Sup- plies — Con. Soap — Con.					Tenn. 1867, 1869. Aus. 1846- 1848. Brazil 1882. Eng. 1878. Ger. 1878, 1879, 1883- 1885. Spain 1878, 1879, 1884.	
Starch, . . . lb.		\$0.36 Aus. 1854, 1855.	\$0.26 Aus. 1849.	\$0.20 Colo. 1888. Conn. 1865- 1869. Fla. 1866, 1869. Iowa 1867- 1869. Mass. 1832, 1835. Pa. 1884. Japan 1881.	\$0.12 Conn. 1853, 1854, 1857, 1858, 1860- 1863, 1865, 1871, 1872, 1874-1880. Ill. 1865. Ind. 1859, 1863. Mass. 1834, 1837-1839, 1841, 1842, 1844, 1851, 1854-1863, 1868, 1872- 1876, 1880. N. J. 1870, 1874. N. Y. 1858- 1863, 1869, 1876. Ohio 1863, 1864, 1866, 1870, 1877. Pa. 1854- 1857, 1863, 1864, 1869, 1884. Aus. 1874, 1882, 1884, 1888. Eng. 1873, 1878, 1879, 1882, 1884. Mex. 1882.	\$0.03 $\frac{2}{3}$ Ky. 1880.



## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Light.</b>						
Oil (kerosene), .	gal.	\$2.10	\$1.50	\$1.10	\$0.58	\$0.06
		<i>U. S. Colombia</i> 1883.	<i>U. S. Colombia</i> 1883.	Me. 1858. Mass. 1864.	N. J. 1867. It. 1889.	Mass. 1879.
<b>Meats.</b>						
Beef (corned), .	lb.	\$0.30	\$0.25	\$0.16½	\$0.10	\$0.03
		Mass. 1891. Pa. 1884.	Mass. 1891. Pa. 1884.	Me. 1868.	Cal. 1884. Conn. 1854- 1859, 1863- 1873, 1876- 1880. Ill. 1865, 1880, 1884. Ind. 1861- 1863, 1867- 1870, 1872- 1880. Iowa 1865- 1867, 1869- 1877, 1880. Me. 1878, 1887. Mass. 1855, 1867-1859, 1861, 1862, 1864, 1874, 1875, 1878, 1880, 1885, 1891. Mich. 1886. N. J. 1855, 1863, 1878, 1879, 1880. N. Y. 1857- 1859, 1867, 1868, 1871- 1873, 1875. Ohio 1861, 1863-1866, 1871-1880. Pa. 1863, 1867, 1868, 1874, 1875. Tenn. 1872- 1876. W. Va. 1861- 1870. Wis. 1880, 1882, 1883. Can. 1882.	Ind. 1854- 1857.

## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES. ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Meats — Con.</b>						
Beef (roasting pieces), . . . lb.		\$0.60 <i>W. I.</i> 1881.	\$0.45 <i>Fr.</i> 1882.	\$0.32 <i>Eng.</i> 1878.	\$0.18 Conn. 1863- 1865, 1875, 1877-1880, 1887. Me. 1878, 1889. Md. 1885. Mass. 1859- 1862, 1885, 1891. N. J. 1857- 1860, 1863, 1880, 1882. N. Y. 1865, 1867, 1868, 1870-1875, 1877. Ohio 1885, 1887. Pa. 1864- 1870, 1875, 1881, 1884, 1885. Wis. 1884. <i>Eng.</i> 1878, 1882, 1883. <i>Ger.</i> 1877, 1880, 1881, 1883, 1889. <i>Hol.</i> 1882. <i>Ire.</i> 1884. <i>It.</i> 1878. <i>Japan</i> 1880. <i>Mex.</i> 1881. <i>Saxony</i> 1878. <i>Spain</i> 1878, 1879, 1884. <i>Swit.</i> 1878, 1882, 1884, 1885.	\$0.04 Mo. 1851, 1853, 1858. Pa. 1880.
Beef (soup pieces), . . . lb.		\$0.55 <i>W. I.</i> 1881.	-	\$0.23 N. J. 1857.	\$0.12½ Ohio 1863- 1866. Pa. 1871- 1873. <i>Fr.</i> 1867- 1870.	\$0.02 Mass. 1891.

## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High .	Medium High	Medium	Medium Low	Low
<b>Meats — Con.</b>						
Beefsteak, . . . lb.		\$0.50 <i>Fr.</i> 1882.	\$0.44 <i>Fr.</i> 1891.	\$0.28 Conn. 1867- 1870. <i>Me.</i> 1887. Mass. 1865- 1867, 1877- 1879. N. J. 1867, 1870, 1871. <i>Eng.</i> 1878, 1882. <i>Sicily</i> 1878.	\$0.17 Conn. 1873. <i>Me.</i> 1878. Mass. 1876. <i>Austria</i> 1878. <i>It.</i> 1878.	\$0.06 Ind. 1851- 1856. Mass. 1834. Mo. 1858- 1860, 1878- 1880. Pa. 1861.
Lamb, . . . lb.		\$0.36 <i>Scot.</i> 1878.	\$0.28 <i>Eng.</i> 1878, 1882, 1883.	\$0.20 <i>Me.</i> 1868. Mass. 1891. <i>Eng.</i> 1878, 1882, 1883. <i>It.</i> 1889.	\$0.12 Cal. 1886. Conn. 1860, 1887. <i>Me.</i> 1888. Mass. 1838, 1860. Pa. 1875, 1885. <i>Can.</i> 1882. <i>It.</i> 1834.	\$0.04 Mass. 1844.
Liver, . . . lb.		\$0.15 Ill. 1881. Mass. 1891.	\$0.12 Mass. 1891.	\$0.10 Mass. 1880, 1885, 1891. Wis. 1880- 1884.	\$0.07 Mass. 1880, 1885.	\$0.04 Mass. 1880.
Mutton, . . . lb.		\$0.32 <i>Eng.</i> 1878.	\$0.25 <i>Eng.</i> 1882, 1883. <i>Fr.</i> 1884, 1885. <i>Mex.</i> 1882.	\$0.17 Mass. 1885. <i>Fr.</i> 1873, 1879, 1882, 1885. <i>Ger.</i> 1884, 1885. <i>Prussia</i> 1884, 1885.	\$0.10 Ill. 1884, 1885. Iowa 1885. Md. 1885. Mass. 1832, 1840, 1841, 1844, 1880, 1885. Mo. 1889. N. J. 1886. Wis. 1882- 1884. <i>Aus.</i> 1881. <i>Bararia</i> 1882. <i>Can.</i> 1882, 1887. <i>Ger.</i> 1865. <i>It.</i> 1889. <i>Mex.</i> 1883.	\$0.02 Mo. 1884.

## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Meats — Con.</b>						
Mutton (chops), .	lb.	\$0.60 <i>W. I.</i> 1881.	-	\$0.30 Mass. 1891.	\$0.17 Mass. 1873. N. J. 1856.	\$0.03 Ohio 1851, 1852.
Mutton (fore- quarter), .	lb.	\$0.55 <i>W. I.</i> 1881.	-	\$0.25 Conn. 1874, 1875. Ind. 1866. Mass. 1891.	\$0.13½ Mass. 1861. Pa. 1874.	\$0.02 Ohio 1851, 1852.
Mutton (hind- quarter), .	lb.	\$0.22 <i>Eng.</i> 1878, 1879, 1882, 1884.	\$0.18 <i>Belg.</i> 1878. <i>Fr.</i> 1878, 1879. <i>Ger.</i> 1878. <i>It.</i> 1878, 1879. <i>Swit.</i> 1878, 1879.	\$0.14 N. Y. 1878, 1879, 1884.	\$0.12 Cal. 1884. N. Y. 1878, 1879, 1884.	\$0.05 Ill. 1878, 1879, 1884.
Mutton (leg), .	lb.	\$0.55 <i>W. I.</i> 1881.	-	\$0.26½ Mass. 1865.	\$0.14½ N. Y. 1874.	\$0.02 Ohio 1851.
Pork, . . .	lb.	\$0.55 <i>W. I.</i> 1881.	\$0.42 <i>Fr.</i> 1876.	\$0.29 <i>Fr.</i> 1874, 1875, 1885. <i>Hesse</i> 1888.	\$0.15½ <i>Ger.</i> 1887.	\$0.02 Wis. 1880.
Pork (bacon), .	lb.	\$0.65 <i>W. I.</i> 1881.	\$0.50 <i>Mex.</i> 1883.	\$0.35 <i>Fr.</i> 1882. <i>Spain</i> 1879.	\$0.19½ <i>Russ.</i> 1882.	\$0.04 Ohio 1851, 1852. Pa. 1851- 1860.
Pork (corned), .	lb.	\$0.40 <i>W. I.</i> 1881.	\$0.30 <i>Sax.</i> 1878. <i>Spain</i> 1878.	\$0.22 Conn. 1864, 1870, 1871. Mass. 1869 N. Y. 1864. Pa. 1865.	\$0.12½ Conn. 1858, 1859, 1861, 1872, 1878. Ill. 1870, 1873, 1874, 1876. Ind. 1864, 1865, 1867, 1869, 1870. Iowa 1879, 1880. Mass. 1861, 1867, 1873, 1876. Mo. 1867. N. J. 1856. N. Y. 1852, 1856.	\$0.03 Ind. 1851- 1858. Pa. 1851- 1860.

## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High.	Medium High	Medium	Medium Low	Low
<b>Meats — Con.</b>						
Pork (corned) — Con.					Ohio 1861, 1866, 1871, 1872, 1877. Pa. 1874, 1875. Tenn. 1857, 1863, 1866, 1868. Wis. 1881.	
Pork (hams), . . . lb.		\$1.00 <i>Mex.</i> 1882.	\$0.65 <i>W. I.</i> 1881.	\$0.50 <i>Brazil</i> 1882. <i>Fr.</i> 1882. <i>Mex.</i> 1882, 1883.	\$0.27 Conn. 1870.	\$0.03 Mich. 1843, 1844.
Pork (sausages), lb.		\$0.36 <i>It.</i> 1889.	\$0.27 <i>Ger.</i> 1878.	\$0.21 <i>Ger.</i> 1878, 1879, 1884.	\$0.13 Ill. 1866, 1874. Mass. 1885, 1891. N. J. 1860, 1879, 1880. Pa. 1854, 1885.	\$0.05 Ind. 1851, 1852. Ohio 1851, 1852.
Tripe, . . . lb.		\$0.16 <i>Eng.</i> 1882, 1883.	\$0.12½ <i>Wis.</i> 1881, 1884.	\$0.11 <i>Wis.</i> 1882, 1883.	\$0.08 Mass. 1842- 1846, 1880, 1885, 1891.	\$0.05 Mass. 1880, 1885, 1891.
Veal, . . . lb.		\$0.45 <i>It.</i> 1889.	\$0.35 <i>Fr.</i> 1884, 1885.	\$0.25 Me. 1868. Mass. 1891. N. Y. 1884, 1885. <i>Eng.</i> 1878, 1882, 1883. <i>Fr.</i> 1873, 1884, 1885, 1891. <i>Ger.</i> 1884, 1885. <i>Guiana</i> 1889. <i>It.</i> 1878. <i>Mex.</i> 1882. <i>Prussia</i> 1884, 1885. <i>Spain</i> 1878, 1884.	\$0.14½ <i>Fr.</i> 1869, 1871, 1875. <i>Ger.</i> 1882, 1883.	\$0.04 Mass. 1843, 1891. Minn. 1890. <i>Cun.</i> 1887.



## KINDS OF ARTICLES, ETC. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Meats — Con.</b>						
Veal (cutlet), . . . . . lb.		\$1.00 W. I. 1881.	-	\$0.33 Mass. 1891. N. J. 1866- 1870, 1873.	\$0.20 Conn. 1864- 1866, 1872- 1880. Ind. 1861- 1863, 1871- 1880. Mass. 1864, 1871-1879. N. J. 1875, 1878-1880. N. Y. 1869, 1871, 1872, 1874, 1875, 1877-1880. Ohio 1867- 1876. Pa. 1865, 1876. Belg. 1878, 1879. Swit. 1878, 1879.	\$0.06 Mo. 1858- 1862, 1878- 1880. Pa. 1851- 1860.
Veal (forequar- ter), . . . . . lb.		\$0.75 W. I. 1881.	-	\$0.25 Pa. 1863, 1869, 1870, 1884. Spain 1878, 1879.	\$0.13½ Mass. 1876.	\$0.01½ Ohio 1851, 1852.
Veal (hindquar- ter), . . . . . lb.		\$0.75 W. I. 1881.	-	\$0.28 N. J. 1866- 1870.	\$0.15 Conn. 1861, 1862, 1864, 1869, 1875. Ind. 1864, 1865, 1867- 1870, 1872- 1876. Mass. 1871- 1874, 1876. N. Y. 1866- 1868, 1875. Ohio 1866- 1871. Pa. 1865- 1870, 1876.	\$0.02½ Ohio 1851, 1852.

## KINDS OF ARTICLES, ETC. RECAPITULATION—Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Poultry Products.</b>						
Chickens, . . .	lb.	\$0.40 <i>Ger.</i> 1878.	\$0.31 <i>Belg.</i> 1878. <i>Wales</i> 1878.	\$0.22½ <i>Mass.</i> 1880.	\$0.14 <i>Me.</i> 1853, 1878, 1888. <i>Mass.</i> 1885. <i>Wis.</i> 1880, 1882, 1883.	\$0.06 <i>Mass.</i> 1830, 1831.
	pair	\$2.50 <i>Fr.</i> 1882.	\$2.00 <i>Belg.</i> 1878. <i>Fr.</i> 1882.	\$1.32 <i>Scot.</i> 1878.	\$0.75 <i>Eng.</i> 1882. <i>Mex.</i> 1882.	\$0.20 <i>It.</i> 1889.
Eggs, . . .	doz.	\$1.00 <i>W. I.</i> 1881.	\$0.73 <i>Aus.</i> 1881.	\$0.50 <i>Colo.</i> 1888. <i>Mass.</i> 1891. <i>Pa.</i> 1884.	\$0.27 <i>Cal.</i> 1886. <i>Conn.</i> 1860, 1866, 1870. <i>Mass.</i> 1837, 1839, 1842, 1846, 1860. <i>N. Y.</i> 1872. <i>Ohio</i> 1871, 1881.	\$0.04 <i>Ohio</i> 1851.
Fowls, . . .	lb.	\$0.15 <i>Mass.</i> 1891.	\$0.14 <i>Mass.</i> 1848.	\$0.12 <i>Mass.</i> 1839.	\$0.09 <i>Mass.</i> 1846.	\$0.08 <i>Mass.</i> 1830.
	pair	\$1.76 <i>Ger.</i> 1885.	\$1.46 <i>Eng.</i> 1885.	\$1.09 <i>Aus.</i> 1881.	\$0.80 <i>Ill.</i> 1885. <i>Ger.</i> 1878.	\$0.50 <i>Brazil</i> 1882. <i>Ger.</i> 1878.
Turkeys, . . .	lb.	\$0.33 <i>Mass.</i> 1891.	\$0.28 <i>Me.</i> 1868. <i>Mass.</i> 1880.	\$0.20 <i>Mass.</i> 1880, 1885. <i>Wis.</i> 1882, 1883.	\$0.14 <i>Mass.</i> 1838, 1858. <i>Wis.</i> 1880, 1881, 1884.	\$0.07 <i>Mass.</i> 1830.
	pair	\$10.00 <i>W. I.</i> 1881.	-	\$8.00 <i>U. S. Colom- bia</i> 1883.	\$4.60 <i>Bararia</i> 1883.	\$1.40 <i>Ecuador</i> 1885.
<b>Rents.</b>						
Rent (1 room), .	mo.	\$13.00 <i>Kans.</i> 1886. <i>Mass.</i> 1891.	\$10.00 <i>Kans.</i> 1886, 1887, 1890.	\$7.00 <i>Kans.</i> 1886. <i>R. I.</i> 1885.	\$4.00 <i>Kans.</i> 1886, 1888, 1890. <i>Me.</i> 1888.	\$1.00 <i>Kans.</i> 1886.
Rent (2 rooms), .	mo.	\$19.50 <i>Mass.</i> 1891.	\$15.00 <i>Iowa</i> 1885. <i>Kans.</i> 1886.	\$10.00 <i>Iowa</i> 1885. <i>Kans.</i> 1887, 1890. <i>Ohio</i> 1877.	\$5.42 <i>Mass.</i> 1891.	\$1.00 <i>Kans.</i> 1887. <i>Me.</i> 1887.
Rent (3 rooms), .	mo.	\$20.00 <i>Iowa</i> 1885.	\$15.16½ <i>Mass.</i> 1891.	\$11.00 <i>Kans.</i> 1887.	\$6.45 <i>Scot.</i> 1884.	\$1.92 <i>Alsace-Lor- raine</i> 1882.

## KINDS OF ARTICLES, Etc. RECAPITULATION — Continued.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Rents—Con.</b>						
Rent (4 rooms), .	mo.	\$25.00 Iowa 1835. Ky. 1864- 1866.	\$19.50 Ohio 1883.	\$13.25 Pa. 1880.	\$7.50 Kans. 1874, 1875. Ky. 1877- 1880. N. J. 1865, 1866. R. I. 1889.	\$1.50 Mass. 1891.
Rent (5 rooms), .	mo.	\$22.50 Kans. 1886.	\$17.33 Pa. 1880.	\$12.17 Pa. 1882.	\$7.00 Me. 1887. Ohio 1877, 1883. Pa. 1887. R. I. 1889.	\$2.00 Kans. 1890. Pa. 1880.
Rent (6 rooms), .	mo.	\$35.00 Ky. 1864- 1866. Mass. 1891. Mo. 1871, 1872.	\$27.00 Tenn. 1880.	\$18.75 Ohio 1883.	\$10.50 Ohio 1873, 1874.	\$2.25 Conn. 1875, 1880.
Rent (7 rooms), .	mo.	\$30.00 Mass. 1880, 1885, 1891.	\$25.00 Minn. 1890. R. I. 1888.	\$16.00 Kans. 1886. Ohio 1883.	\$9.00 Pa. 1881.	\$2.00 Pa. 1880.
Rent (8 rooms), .	mo.	\$32.00 Minn. 1890.	\$25.00 Mass. 1880, 1885. Ohio 1883. R. I. 1888.	\$18.00 Kans. 1886.	\$11.50 Pa. 1880.	\$5.00 Ohio 1883.
Rent (10 rooms),	mo.	\$35.00 Mass. 1880, 1885, 1891. Minn. 1890.	\$28.00 Mass. 1891.	\$22.00 Mass. 1891. R. I. 1888.	\$15.00 Mass. 1885, 1891.	\$8.00 Mass. 1891.
<b>Vegetables (Green).</b>						
Cabbage, . . .	head	\$0.40 <i>U. S. Colom- bia</i> 1883.	\$0.25 Mass. 1880, 1885. <i>Mex.</i> 1883.	\$0.20 Pa. 1885.	\$0.10 Ill. 1885. Md. 1885. Mass. 1891. Pa. 1885.	\$0.00½ <i>Aus.</i> 1881.
Corn, . . . .	bu.	\$2.40 <i>Hawaii</i> 1881.	\$1.97 Mich. 1864.	\$1.32 Mich. 1866.	\$0.80½ Mass. 1847.	\$0.29 Mass. 1847.
Onions, . . .	bu.	\$7.68 <i>Venezuela</i> 1881.	\$6.24 <i>Venezuela</i> 1881.	\$3.84 Mass. 1891.	\$1.92 Mass. 1880, 1885, 1891.	\$0.12 <i>Japan</i> 1880.
Pease (green), .	pk.	\$2.24 <i>Fr.</i> 1885.	\$1.80 <i>Aus.</i> 1881.	\$1.25 Mass. 1891.	\$0.65 Mass. 1880.	\$0.12 <i>Eng.</i> 1882, 1883, 1885.

## KINDS OF ARTICLES, ETC. RECAPITULATION — Concluded.

CLASSIFIED ARTICLES, ETC.	Basis	GRADES OF PRICES				
		High	Medium High	Medium	Medium Low	Low
<b>Vegetables</b> (Green) — Con.						
Potatoes, . . .	bu.	\$7.50 <i>U. S. Colom- bia</i> 1883.	\$5.50 <i>Fr.</i> 1889.	\$4.00 <i>Mex.</i> 1881, 1883. <i>Swit.</i> 1885. <i>W. I.</i> 1881.	\$2.00 Conn. 1864- 1866. Fla. 1867, 1873. Ill. 1874, 1879. Ky. 1874. Mass. 1854, 1868, 1891. Mo. 1867. Ohio 1882. Pa. 1865, 1866. Wis. 1881. <i>Aus.</i> 1842. <i>Brazil</i> 1882. <i>Eng.</i> 1878, 1879, 1884. <i>Guiana</i> 1889. <i>It.</i> 1878. <i>Russ.</i> 1878.	\$0.10 <i>Japan</i> 1880. <i>Prussia</i> 1878, 1882.
Potatoes (sweet),	bu.	\$6.48 Mass. 1891.	\$5.00 <i>Me.</i> 1868. <i>U. S. Colom- bia</i> 1883.	\$3.78 Mass. 1891.	\$2.00 <i>Me.</i> 1878. Mass. 1880, 1885. <i>Hawaii</i> 1881.	\$0.06 <i>Japan</i> 1880.
Tomatoes, . . .	pk.	\$3.75 <i>Eng.</i> 1883.	-	\$1.80 <i>Eng.</i> 1883.	-	\$0.07½ <i>It.</i> 1889.
Turnips, . . .	bu.	\$1.92 Mass. 1880, 1885, 1891.	\$1.40 Ill. 1885. <i>Ger.</i> 1885.	\$0.96 Mass. 1880, 1885, 1891.	\$0.50 Conn. 1887. Mo. 1884.	\$0.04 <i>Japan</i> 1880.

*Summary of Articles by Price Grades.*

The number of quotations of prices used in the preparation of this report has been shown in the table on pages 264-269, wherein also appear the names of the articles for which prices were available, and the respective number of quotations supplied by the United States and Foreign Countries. The following tabular statement shows the articles respecting which the prices in each grade were derived from Massachusetts, Other States, or Foreign Countries.

## MASSACHUSETTS.

High	Medium High	Medium	Medium Low	Low
Apples	Allspice	Allspice	Allspice	Apples
Apples (dried)	Apples	Apples	Apples	Baking soda
Beans, string (canned)	Beans, string (canned)	Apples (dried)	Apples (dried)	<i>Beef (soup pieces)</i>
Beef (corned)	Beef (corned)	Baking soda	<i>Baking powder</i>	Beefsteak
Beef (dried)	Beef (dried)	Beans (dried)	Baking soda	Blankets
Blankets	Boots, children's	Beefsteak	Beans (dried)	Calicoes and prints
Cloves	Cabbage	Board (males)	Beans, string (canned)	Chickens
Coats, men's	Cloves	Calicoes and prints	Beef (corned)	Chocolate
Currants	<i>Coal (bitumi- nous)</i>	Chickens	<i>Beef (roasting pieces)</i>	Cloves
Flour (buck- wheat)	Cocoa	Chocolate	Beefsteak	Cod
Flour (graham)	Cream of tartar	<i>Cinnamon</i>	Board (males)	Cod (salt)
Fowls	Currants	Cloves	Boots, children's	Corn
Gingham	Flour (buck- wheat)	Coal (anthracite)	<i>Boots, men's</i>	Crackers
Gloves	Flour (graham)	Cocoa	<i>Boots, women's</i>	<i>Cranberries</i>
Haddock	Flour (wheat)	Cod	<i>Butter</i>	Cream of tartar
Halibut	Fowls	Cod (salt)	Cabbage	<i>Fish, n. s.</i>
Hats, men's	Gingham	Crackers	Calicoes and prints	Flannel
Hose (cotton, woollen, etc.)	Haddock	Cream of tartar	Chickens	Flour (buck- wheat)
Liver	Halibut	Eggs	Chocolate	Fowls
Mackerel (salt)	Hats, men's	Flour (buck- wheat)	Coal (anthracite)	Ginger
Meal (rye)	Hose (cotton, woollen, etc.)	Flour (graham)	Coats, men's	Gingham
Muslin	Lemons	Flour (wheat)	Cod (salt)	Gloves
Nutmegs	Liver	Fowls	<i>Coffee (green)</i>	Haddock
Pantaloon	Mackerel (salt)	Ginger	Corn	Halibut
Peaches (canned)	Meal (corn)	Gingham	<i>Corn (canned)</i>	Hats, men's
Pears (canned)	Muslin	Gloves	<i>Cotton flannel</i>	Herring
Pepper	Mustard	Halibut	Cream of tartar	Hose (cotton, woollen, etc.)
Plums (canned)	Nutmegs	Hats, men's	Currants	Lamb
Potatoes (sweet)	Overcoats	Hose (cotton, woollen, etc.)	Eggs	Liver
Raisins	Pears (canned)	Lamb	Flannel	<i>Mackerel (fresh)</i>
<i>Rent (1 room)</i>	Pepper	Lard	Flour (buck- wheat)	Meal (corn)
<i>Rent (2 rooms)</i>	Pickles	Lemons	Flour (graham)	Meal (rye)
<i>Rent (4 rooms)</i>	Plums (canned)	Liver	<i>Flour (rye)</i>	Milk
<i>Rent (7 rooms)</i>	Prunes	Mackerel (salt)	Flour (wheat)	Molasses
<i>Rent (10 rooms)</i>	Raisins	Meal (corn)	Fowls	<i>Molasses (Porto Rico)</i>
Soap	<i>Rent (3 rooms)</i>	Molasses	Ginger	<i>Molasses (syrup)</i>
Sugar (powdered)	<i>Rent (8 rooms)</i>	Muslin	Gingham	Mustard
Turkeys	<i>Rent (10 rooms)</i>	Mustard	Gloves	Oil (kerosene)
Turnips	Soap	Mutton	Haddock	Pantaloon
Vests	Sugar (loaf)	Mutton (chops)	Halibut	Pepper
Woollen dress goods	Sugar (powdered)	Mutton (fore- quarter)	Hats, men's	<i>Rent (4 rooms)</i>
	Tapioca	<i>Mutton (leg)</i>	Herring	<i>Rent (10 rooms)</i>
	Tea (black)	Nutmegs	Lamb	Salmon
			Lard	



## MASSACHUSETTS — Continued.

High	Medium High	Medium	Medium Low	Low
	<i>Tea (green)</i>	Oil (kerosene)	Lemons	Sheeting
	Tomatoes	Onions	Liver	(bleached)
	(canned)	Peaches (canned)	Mackerel (salt)	<i>Sheeting (un-</i>
	Towelling	Pears (canned)	Meal (rye)	<i>bleached)</i>
	Turkeys	Pease (green)	Milk	Soap
	Vests	Pepper	Muslin	Sugar
	Wood	Plums (canned)	Mustard	Sugar (brown)
	Woollen dress	Pork (corned)	Mutton	Sugar (granu-
	goods	Potatoes (sweet)	Mutton (chops)	lated)
		Prunes	Mutton (fore-	Sugar (loaf)
		Raisins	quarter)	Sugar
		Rent (10 rooms)	Nutmegs	(powdered)
		Rice	<i>Oatmeal</i>	Ticking
		Sago	Onions	Towelling
		Salmon	Overcoats	Tripe
		Shirting	Pantaloons	Turkeys
		(bleached)	Peaches (canned)	Veal
		Soap	Pears (canned)	
		Starch	Pease (green)	
		Sugar (granu-	Pickles	
		lated)	Plums (canned)	
		Sugar (loaf)	Pork (corned)	
		Tapioca	<i>Pork (sausages)</i>	
		<i>Tea</i>	<i>Potatoes</i>	
		Tomatoes	Potatoes (sweet)	
		(canned)	Prunes	
		Turkeys	Raisins	
		Turnips	Rent (2 rooms)	
		Veal	Rent (10 rooms)	
		Veal (cutlet)	Rice	
		Vests	Sago	
		Wood	Salmon	
		Woollen dress	Sheeting	
		goods	(bleached)	
			Shirting	
			(bleached)	
			<i>Shoes, children's</i>	
			<i>Shoes, women's</i>	
			Soap	
			Starch	
			Sugar	
			Sugar (brown)	
			Sugar (granu-	
			lated)	
			<i>Suits, men's</i>	
			Tea (black)	
			Ticking	
			Towelling	
			Tripe	
			Turkeys	

## MASSACHUSETTS — Concluded.

High	Medium High	Medium	Medium Low	Low
			Veal (cutlet) <i>Veal (fore-quarter)</i> <i>Veal (hind-quarter)</i> Vests <i>Vinegar</i> Woollen dress goods	

## OTHER UNITED STATES.

Allspice	Allspice	Allspice	Allepice	Apples
Baking powder	Apples	Apples (dried)	Apples (dried)	Baking powder
Beans (dried)	Apples (dried)	Baking powder	Baking powder	Beans (dried)
Beef (corned)	Baking powder	<i>Baking soda</i>	Beans (dried)	Beans, string (canned)
Blankets	Beans (dried)	Beans (dried)	Beans, string (canned)	Beef (corned)
Board (females)	Beans, string (canned)	Beans, string (canned)	Beef (corned)	Beef (roasting pieces)
Board (males)	Beef (corned)	Béef (corned)	Beef (dried)	Beefsteak
Boots, children's	Beef (dried)	Beef (dried)	Beef (roasting pieces)	Blankets
Boots, men's	Blankets	Beef (soup pieces)	Beef (soup pieces)	Board (males)
Boots, women's	Board (females)	Beefsteak	Beefsteak	Boots, children's
Calicoes and prints	Board (males)	Blankets	Blankets	Boots, women's
Cinnamon	Boots, men's	Board (females)	Board (females)	<i>Butter</i>
Coal (anthracite)	Boots, women's	Board (males)	Board (males)	Calicoes and prints
Coal (bituminous)	Calicoes and prints	Boots, children's	Boots, men's	<i>Cheese</i>
Cocoa	<i>Chocolate</i>	Boots, men's	Cabbage	Coal (anthracite)
Cod	Cinnamon	Boots, women's	Calicoes and prints	Coal (bituminous)
Coffee (green)	Coal (anthracite)	Cabbage	<i>Chickens</i>	Coffee (green)
Cotton flannel	Coal (bituminous)	Coal (anthracite)	Cinnamon	Coffee (roasted)
Cream of tartar	Coats, men's	Coal (bituminous)	<i>Cloves</i>	Corn (canned)
Ginger	Cod	Coats, men's	Coal (anthracite)	Cotton flannel
Lemons	Coffee (green)	Cod	Cocoa	Currants
Liver	Coffee (roasted)	Cod (salt)	Cod	Eggs
Mackerel (fresh)	Corn	Coffee (green)	Cod (salt)	<i>Fish, n. s.</i>
Mackerel (salt)	Cotton flannel	Corn	Coffee (green)	Flour (graham)
Meal (rye)	Cranberries	Corn (canned)	Coffee (roasted)	Flour (rye)
Molasses	Cream of tartar	Cotton flannel	<i>Crackers</i>	Flour (wheat)
Molasses (New Orleans)	Flannel	Cream of tartar	Cranberries	<i>Gingham</i>
Molasses (Porto Rico)	Flour (wheat)	Currants	Eggs	Hose (cotton, woollen, etc.)
Molasses (syrup)	Ginger	Eggs	Flannel	Lard
Mustard	<i>Gloves</i>	Flannel	Flour (buck-wheat)	Mackerel (salt)
Overcoats	Lard	Flour (buck-wheat)	Flour (graham)	Meal (corn)
Peaches (dried)	Lemons	Flour (wheat)	Flour (rye)	Molasses (New Orleans)
Pickles	Mackerel (fresh)	Ginger	Flour (wheat)	<i>Muslin</i>
Prunes	Mackerel (salt)	<i>Haddock</i>	<i>Fowls</i>	
Rent (1 room)	Meal (rye)	<i>Halibut</i>		
Rent (3 rooms)	Molasses			

## OTHER UNITED STATES — Continued.

High	Medium High	Medium	Medium Low	Low
Rent (4 rooms)	Molasses (New Orleans)	Hats, men's	Hose (cotton, woollen, etc.)	Muslin-de-laine
Rent (5 rooms)		Hose (cotton, woollen, etc.)		Mutton
Rent (6 rooms)	Molasses (Porto Rico)	Lamb	Lamb	Mutton (chops)
Rent (8 rooms)	Molasses (syrup)	Lard	Lard	Mutton (fore-quarter)
Rent (10 rooms)	Muslin-de-laine	Liver	Mackerel (fresh)	Mutton (hind-quarter)
Rice	Mustard	Mackerel (salt)	Meal (corn)	Mutton (leg)
Sago	Overcoats	Milk	Milk	Nutmegs
Salmon	Pantaloons	Molasses (New Orleans)	Molasses (New Orleans)	Overcoats
Salt	Peaches (canned)	Molasses (Porto Rico)	Molasses (Porto Rico)	Peaches (canned)
Satinets	Peaches (dried)	Molasses (syrup)	Molasses (syrup)	Peaches (dried)
Sheeting	Plums (canned)	Muslin-de-laine	Muslin-de-laine	Pears (canned)
(bleached)	Plums (canned)	Mutton (fore-quarter)	Mustard	Pickles
Sheeting (unbleached)	Potatoes (sweet)	Mutton (hind-quarter)	Mutton	Plums (canned)
Shirting	Prunes	Oatmeal	Mutton (chops)	Pork
(bleached)	Raisins	Oil (kerosene)	Mutton (fore-quarter)	Pork (bacon)
Shirting (unbleached)	Rent (1 room)	Overcoats	Mutton (hind-quarter)	Pork (corned)
	Rent (2 rooms)	Pantaloons	Mutton (leg)	Pork (hams)
Shoes, children's	Rent (4 rooms)	Peaches (canned)	Oatmeal	Pork (sausages)
Sugar	Rent (5 rooms)	Peaches (dried)	Peas (canned)	Raisins
Sugar (brown)	Rent (6 rooms)	Pears (canned)	Pickles	Rent (1 room)
Sugar (granulated)	Rent (7 rooms)	Pickles	Peaches (dried)	Rent (2 rooms)
Sugar (yellow)	Rent (8 rooms)	Plums (canned)	Pepper	Rent (5 rooms)
Suits, men's	Rice	Pork (corned)	Plums (canned)	Rent (6 rooms)
Tea (black)	Sago	Rent (1 room)	Pork (corned)	Rent (7 rooms)
Ticking	Satinets	Rent (2 rooms)	Pork (hams)	Rent (8 rooms)
Towelling	Sheeting (bleached)	Rent (3 rooms)	Pork (sausages)	Rice
	Sheeting (unbleached)	Rent (4 rooms)	Potatoes	Satinets
	Shirting (bleached)	Rent (5 rooms)	Potatoes (sweet)	Shirting (bleached)
	Shirting (unbleached)	Rent (6 rooms)	Prunes	Shirting (unbleached)
	Shoes, children's	Rent (7 rooms)	Raisins	Starch
	Shoes, men's	Rent (8 rooms)	Rent (1 room)	Sugar (yellow)
	Shoes, women's	Rent (10 rooms)	Rent (4 rooms)	Tea
	Sugar	Rice	Rent (5 rooms)	Tea (black)
	Sugar (brown)	Sago	Rent (6 rooms)	Tea (green)
	Sugar (granulated)	Satinets	Rent (7 rooms)	Tobacco
	Sugar (yellow)	Sheeting (bleached)	Rent (8 rooms)	Tomatoes (canned)
	Suits, men's	Sheeting (unbleached)	Rent (10 rooms)	Veal
	Tea	Shirting (bleached)	Rice	Veal (cutlet)
	Tea (black)	Shirting (bleached)	Sago	Veal (fore-quarter)
	Tea (green)	Shoes, children's	Salmon	Veal (hind-quarter)
	Ticking	Shoes, men's	Salt	Wood
	Tripe	Shoes, women's	Satinets	Woollen dress goods
	Turkeys	Soap	Sheeting (unbleached)	
	Turnips			
	Tests			
	Vinegar			

## OTHER UNITED STATES — Concluded.

High	Medium High	Medium	Medium Low	Low
		Starch	Shirting	
		Sugar	(bleached)	
		Sugar (brown)	Shirting (un-bleached)	
		Sugar (granulated)	Shoes, children's	
		Sugar (powdered)	Shoes, women's	
		Sugar (yellow)	Soap	
		Suits, men's	Starch	
		Tea (black)	Sugar	
		Tea (green)	Sugar (brown)	
		Ticking	Sugar (granulated)	
		Tobacco	Sugar (loaf)	
		Towelling	Sugar (powdered)	
		Tripe	Sugar (yellow)	
		Turkeys	Tea	
		Veal	Tea (black)	
		Veal (cutlet)	Tea (green)	
		Veal (forequarter)	Ticking	
		Veal (hindquarter)	Tobacco	
		Vinegar	Tomatoes (canned)	
		Wood	Towelling	
		Woollen dress goods	Turkeys	
			Turnips	
			Veal (cutlet)	
			Veal (hindquarter)	
			Wood	

## FOREIGN COUNTRIES.

Apples (dried)	Apples (dried)	Beans (dried)	Beans (dried)	<i>Allspice</i>
Baking soda	Baking soda	Beef (roasting pieces)	<i>Beef (corned)</i>	Apples (dried)
Beef (dried)	Beef (roasting pieces)	Beefsteak	Beef (roasting pieces)	Beans (dried)
Beef (roasting pieces)	Beefsteak	<i>Board (males)</i>	Beef (soup pieces)	Beef (dried)
Beef (soup pieces)	Boots, men's	Butter	Beefsteak	<i>Board (females)</i>
Beefsteak	Boots, women's	Cheese	Beefsteak	Boots, men's
Boots, women's	Butter	Chickens	Boots, men's	Cabbage
Butter	Cabbage	<i>Coal (anthracite)</i>	Boots, women's	Cheese
Cabbage	Cheese	Coffee (green)	Cheese	Chickens
Cheese	Chickens	Coffee (roasted)	Chickens	<i>Cinnamon</i>
Chickens	<i>Cod</i>	Crackers	<i>Coal (bituminous)</i>	<i>Coals, men's</i>
<i>Chocolate</i>	Cod (salt)	Cranberries	Cod (salt)	Cocoa
Cocoa	Crackers	Currants	Coffee (green)	Crackers
Cod (salt)	Eggs	Fish, n. s.	Coffee (roasted)	Currants
Coffee (roasted)	Fish, n. s.	Flour (rye)	<i>Flour (granum wheat)</i>	Fish, n. s.
Corn	Flour (rye)	Flour (wheat)	Flour (rye)	<i>Flour (buck-wheat)</i>
<i>Corn (canned)</i>	Flour (wheat)	Fowls	Flour (wheat)	Fowls
Crackers	Fowls	Herring	Fowls	<i>Lemons</i>
Cranberries	<i>Halibut</i>			<i>Mustin</i>

## FOREIGN COUNTRIES — Concluded.

High	Medium High	Medium	Medium Low	Low
Eggs	Lamb	Lamb	<i>Haddock</i>	Oatmeal
Fish, <i>n. s.</i>	Lard	Lard	Lamb	Onions
<i>Flannel</i>	<i>Mackerel (salt)</i>	<i>Mackerel (fresh)</i>	Lard	Pease (dried)
Flour (rye)	Milk	Meal (corn)	Meal (corn)	Pease (green)
Flour (wheat)	Muslin-de-laine	Meal (rye)	Meal (rye)	Pepper
Fowls	Mutton	Milk	Milk	Potatoes
Herring	Mutton (hind-quarter)	Mutton	Mutton	Potatoes (sweet)
Lamb	Oatmeal	Pease (dried)	Oatmeal	Prunes
Lard	Oil (kerosene)	Pork	Oil (kerosene)	Rent (3 rooms)
Meal (corn)	Onions	Pork (bacon)	Pease (dried)	Rice
Milk	<i>Peaches (canned)</i>	Pork (hams)	Pork	Sago
Muslin-de-laine	Pease (green)	Pork (sausages)	Pork (bacon)	Salt
Mutton	Pepper	Potatoes	Potatoes	Shirting
<i>Mutton (chops)</i>	<i>Pickles</i>	Sago	Potatoes (sweet)	(bleached)
<i>Mutton (fore-quarter)</i>	Pork	Salt	Prunes	<i>Shirting (un-bleached)</i>
Mutton (hind-quarter)	Pork (bacon)	Shoes, children's	Rent (3 rooms)	Shoes, children's
<i>Mutton (leg)</i>	Pork (corned)	Soap	Rice	Shoes, men's
Oatmeal	Pork (hams)	Starch	Salt	Shoes, women's
Oil (kerosene)	Pork (sausages)	Sugar (granulated)	Shirting	<i>Sugar (brown)</i>
Onions	Potatoes	Sugar (loaf)	(bleached)	Sugar (loaf)
Pease (dried)	Potatoes (sweet)	Sugar	Shoes, children's	<i>Suits, men's</i>
Pease (green)	<i>Raisins</i>	(powdered)	Shoes, men's	Tapioca
Pork	Rice	Tapioca	Shoes, women's	Tomatoes
Pork (bacon)	<i>Salmon</i>	Tea	Soap	Turkeys
Pork (corned)	Salt	Tobacco	Starch	Turnips
Pork (hams)	Shoes, men's	Tomatoes	Sugar	Veal
Pork (sausages)	Shoes, women's	Turkeys	Sugar (granulated)	Vests
Potatoes	Starch	Veal	Sugar (loaf)	Vinegar
Shoes, men's	Sugar	Veal (forequarter)	Sugar	
Shoes, women's	Sugar (granulated)	Vinegar	(powdered)	
Starch	Tapioca		Tapioca	
Sugar (granulated)	Tobacco		<i>Tea (black)</i>	
Sugar (loaf)	Turnips		<i>Ticking</i>	
Tapioca	Veal		Tomatoes	
Tea	Vests		(canned)	
<i>Tea (green)</i>	Vinegar		Turkeys	
Tobacco			Veal	
Tomatoes			Veal (cutlet)	
Tomatoes (canned)				
<i>Tripe</i>				
Turkeys				
Veal				
Veal (cutlet)				
Veal (forequarter)				
Veal (hindquarter)				
Vinegar				
Wool				



Whenever the name of an article is printed in Italics in the foregoing statement, it implies that no quotation for such an article appeared in the State or country specified, except in the grade named. For example, in grade "High," under Massachusetts, the words Rent (1 room), Rent (6 rooms), and Rent (7 rooms) appear in Italics. This means that the quotations for rent of rooms of these three classes (considered as "articles" for the purpose of comparison) were found only in the high grade in Massachusetts.

The high quotations for 41 articles appear in Massachusetts; the medium high for 50; the medium for 74; the medium low for 96; and the low for 56. The high prices for 59 articles appear in the United States other than Massachusetts; the medium high for 80; the medium for 99; the medium low for 103; and the low for 75. The high price for 66 articles appears in Foreign Countries; the medium high for 55; the medium for 47; the medium low for 52, and the low for 46. Of course the articles vary widely in importance with respect to their use in consumption.

In some instances a quotation graded under either of the designations, *i.e.*, high, medium high, medium, medium low, or low, appears in more than one State or country. For example, the high price for Beef (corned) was found not only in Massachusetts but in some other State.\* In preparing the statistical summaries which follow, wherein each State or Foreign Country is credited with the number of articles for which quotations in each grade were derived therefrom, such duplications are disposed of by a system of fractional credits, as will be fully explained.

#### *General Statistical Comparisons By Grades.*

We next introduce a series of tables showing the number of articles or of occupations considered in each grade of prices or wages, namely, high, medium high, medium, medium low, and low, presented so as to enable the reader to determine in which States or in which Foreign Countries the respective number and percentage of quotations in each grade appeared.

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\* That is, an identical figure, which in grading was found to be higher than any other, and was therefore graded as "High," appeared in Massachusetts and also in some other State.

In these tables, each State or country has been credited with the number of articles and the number of occupations for which quotations in each grade were found therein. Then, considering the total number of articles or occupations in each class as one hundred per cent, percentages corresponding to the number credited to each State or Foreign Country are also given.

In computing the aggregate number of articles for which price quotations are considered in each grade, each article, of course, has been counted as one only. In case the same quotation as to any article appeared in more than one State or country, each State or country is credited in the table with equal fractional representation as to such article; for example, if, in any grade, a quotation as to any article appeared in but one State or country, this article, being counted as one, is credited to such State or country in the table. If, on the other hand, the same quotation as to any article appeared in two States, as the article could be counted as one only, each State has been credited with a half (.50); if in three, each has been credited with a third, and so on. Referring to the table which immediately follows, it will be seen that 151 articles are considered for which high quotations appear. Massachusetts figures are shown to be high as to 34.58 of these. Manifestly, a high quotation could not have been given as to fifty-eight one-hundredths of an article. The figures simply mean, as previously explained, that the high figure as to a certain number of articles was found in Massachusetts only, and that as to others, an identical quotation, also high, appeared in some other State or States, or in some Foreign Country, each of which has been given equivalent credit, and the fractional representations in favor of Massachusetts, added to the number of articles for which the State received sole credit, makes a total of 34.58.\* Precisely the same method

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\* In fact, the high quotations as to 29 articles were found in Massachusetts *only*. In the case of 10 other articles, the high quotation was represented by identical figures found in Massachusetts and in some other State or country, Massachusetts being credited with a *half* in each of these 10 instances. In one instance the high quotation appeared in Massachusetts and also in three other States or countries, each being credited with a *quarter*; and in one instance an identical high figure as to an article appeared in Massachusetts and in two other States or countries, each being credited with a *third*. The sum of the instances in which Massachusetts was credited as to high quotations for different articles is, therefore, 29 plus 10 halves (5.00) plus one-quarter (.25) plus one-third (.33), or 34.58; although high quotations as to 41 different articles appear in Massachusetts, as shown in the statement on page 774.

was pursued in preparing the similar tables as to wages, which follow those as to prices. That is, each branch of occupation, in each grade, is counted as one, and whenever, in any grade, the same wage quotation for any given occupation appeared in two States or countries, each has been credited with a half; if in three, with a third; and so on.

The statistics contained in the tables do not go beyond the facts as they appear in the main presentation of graded prices or in those relating to graded weekly wages, and do not in any way reflect the actual differences in the prevailing price or wage standards in the States and countries named. They simply show, as above stated, the number of articles or occupations and the percentage of the whole number in which the price or wage in each grade was found in each State or country, without regard to actual differences in amount, kinds of articles or employments, or year.

Full explanatory text follows the tables, the first five of which relate to prices.

### High.

STATES AND COUNTRIES.	Number of Articles Considered	Percentages
Massachusetts, . . . . .	34.58	22.90
<i>Other United States,</i> . . . . .	54.43	36.05
California, . . . . .	1.00	0.66
Colorado, . . . . .	3.00	1.99
Connecticut, . . . . .	7.50	4.97
Florida, . . . . .	1.25	0.83
Illinois, . . . . .	3.33	2.20
Indiana, . . . . .	1.34	0.89
Iowa, . . . . .	1.50	0.99
Kansas, . . . . .	1.50	0.99
Kentucky, . . . . .	1.34	0.89
Maine, . . . . .	2.50	1.66
Michigan, . . . . .	1.00	0.66
Minnesota, . . . . .	5.00	3.31
Missouri, . . . . .	7.67	5.08
New Jersey, . . . . .	2.50	1.66
New York, . . . . .	0.50	0.33
Ohio, . . . . .	5.67	3.75
Pennsylvania, . . . . .	4.33	2.87

**High — Concluded.**

STATES AND COUNTRIES.	Number of Articles Considered	Percentages
<i>Other United States — Con.</i>		
Tennessee, . . . . .	2.50	1.66
Wisconsin, . . . . .	1.00	0.66
<i>Foreign Countries,</i> . . . . .	61.99	41.05
Australia, . . . . .	2.00	1.32
Austria, . . . . .	1.00	0.66
China, . . . . .	0.50	0.33
Ecuador, . . . . .	1.50	0.99
England, . . . . .	6.50	4.31
France, . . . . .	4.00	2.65
Germany, . . . . .	3.00	1.99
Hawaii, . . . . .	1.00	0.66
Italy, . . . . .	3.00	1.99
Mexico, . . . . .	8.83	5.85
Russia, . . . . .	0.33	0.22
Scotland, . . . . .	1.00	0.66
Spain, . . . . .	0.33	0.22
Switzerland, . . . . .	2.00	1.32
United States of Colombia, . . . . .	3.50	2.32
Venezuela, . . . . .	1.00	0.66
West Indies, . . . . .	22.50	14.90
TOTALS, . . . . .	151.00	100.00

The preceding table shows that 151 articles were represented in obtaining the quotations graded as High. As to 34.58 of these articles, or 22.90 per cent of the whole number, the highest prices were found in Massachusetts; as to 54.43, or 36.05 per cent, in Other States and as to 61.99, or 41.05 per cent, in Foreign Countries.

The next table relates to prices classed as Medium High.

**Medium High.**

STATES AND COUNTRIES.	Number of Articles Considered	Percentages
Massachusetts, . . . . .	35.44	25.31
<i>Other United States,</i> . . . . .	63.11	45.08
California, . . . . .	1.00	0.71
Colorado, . . . . .	1.50	1.07

**Medium High — Concluded.**

STATES AND COUNTRIES.	Number of Articles Considered	Percentages
<i>Other United States — Con.</i>		
Connecticut, . . . . .	2.91	2.08
Florida, . . . . .	0.68	0.49
Illinois, . . . . .	4.59	3.28
Indiana, . . . . .	3.26	2.33
Iowa, . . . . .	2.09	1.49
Kansas, . . . . .	1.50	1.07
Maine, . . . . .	5.42	3.87
Michigan, . . . . .	1.45	1.04
Minnesota, . . . . .	6.59	4.71
Missouri, . . . . .	4.99	3.57
New Jersey, . . . . .	2.98	2.13
New York, . . . . .	3.39	2.42
Ohio, . . . . .	8.77	6.26
Pennsylvania, . . . . .	5.94	4.24
Rhode Island, . . . . .	0.83	0.59
Tennessee, . . . . .	1.64	1.17
West Virginia, . . . . .	0.25	0.18
Wisconsin, . . . . .	3.33	2.38
<i>Foreign Countries, . . . . .</i>	<i>41.45</i>	<i>29.61</i>
Asia, . . . . .	0.50	0.36
Australia, . . . . .	5.50	3.93
Belgium, . . . . .	0.53	0.38
Bohemia, . . . . .	1.25	0.89
Brazil, . . . . .	0.10	0.07
Canada, . . . . .	1.00	0.71
China, . . . . .	0.33	0.24
Ecuador, . . . . .	1.10	0.79
England, . . . . .	3.67	2.62
France, . . . . .	7.80	5.57
Germany, . . . . .	3.53	2.52
Italy, . . . . .	0.55	0.39
Mexico, . . . . .	3.52	2.52
Saxony, . . . . .	0.83	0.59
Scotland, . . . . .	1.33	0.95
Sicily, . . . . .	0.50	0.36
Spain, . . . . .	0.50	0.36
Switzerland, . . . . .	0.20	0.14
United States of Colombia, . . . . .	2.59	1.85
Venezuela, . . . . .	1.00	0.71
Wales, . . . . .	0.33	0.24
West Indies, . . . . .	4.79	3.42
TOTALS, . . . . .	140.00	100.00



The quotations graded as Medium High cover 140 articles. Of these, the quotations respecting 35.44, or 25.31 per cent, were found in Massachusetts; as to 63.11, or 45.08 per cent, in Other States; and as to 41.45, or 29.61 per cent, in Foreign Countries.

A similar comparison as to the quotations classed as Medium follows.

**Medium.**

STATES AND COUNTRIES.	Number of Articles Considered	Percentages
Massachusetts, . . . . .	42.11	27.89
<i>Other United States,</i> . . . . .	78.50	51.98
Colorado, . . . . .	0.69	0.46
Connecticut, . . . . .	9.05	5.99
Florida, . . . . .	0.39	0.26
Illinois, . . . . .	1.19	0.79
Indiana, . . . . .	3.28	2.17
Iowa, . . . . .	2.39	1.58
Kansas, . . . . .	3.58	2.37
Kentucky, . . . . .	0.08	0.05
Maine, . . . . .	4.35	2.88
Maryland, . . . . .	0.48	0.32
Michigan, . . . . .	3.65	2.42
Minnesota, . . . . .	6.75	4.47
Missouri, . . . . .	6.51	4.31
New Jersey, . . . . .	9.15	6.06
New York, . . . . .	2.39	1.58
Ohio, . . . . .	4.60	3.05
Pennsylvania, . . . . .	10.98	7.27
Rhode Island, . . . . .	1.00	0.66
Tennessee, . . . . .	0.18	0.12
West Virginia, . . . . .	0.14	0.09
Wisconsin, . . . . .	7.67	5.08
<i>Foreign Countries,</i> . . . . .	30.39	20.13
Australia, . . . . .	1.63	1.08
Belgium, . . . . .	0.14	0.09
Bohemia, . . . . .	1.00	0.66
Brazil, . . . . .	0.39	0.26
Canada, . . . . .	0.25	0.16
England, . . . . .	5.73	3.79
France, . . . . .	2.73	1.81
Germany, . . . . .	6.90	4.57
Guiana, . . . . .	0.22	0.15
Hesse, . . . . .	0.50	0.33

## Medium — Concluded.

STATES AND COUNTRIES.	Number of Articles Considered	Percentages
<i>Foreign Countries—Con.</i>		
Holland, . . . . .	0.10	0.07
Italy, . . . . .	0.83	0.55
Japan, . . . . .	0.14	0.09
Mexico, . . . . .	2.94	1.95
Prussia, . . . . .	0.39	0.26
Scotland, . . . . .	0.50	0.33
Sicily, . . . . .	1.04	0.69
Spain, . . . . .	2.41	1.60
Switzerland, . . . . .	0.39	0.26
United States of Colombia, . . . . .	1.33	0.88
Venezuela, . . . . .	0.50	0.33
West Indies, . . . . .	0.33	0.22
TOTALS, . . . . .	151.00	100.00

The Medium quotations cover 151 articles. The figures in this grade relating to 42.11 articles, or 27.89 per cent of the whole number, were found in Massachusetts; as to 78.50, or 51.98 per cent, in Other States; and as to 30.39, or 20.13 per cent, in Foreign Countries.

The next presentation relates to the figures classed as Medium Low.

## Medium Low.

STATES AND COUNTRIES.	Number of Articles Considered	Percentages
Massachusetts, . . . . .	48.89	32.59
<i>Other United States,</i> . . . . .	77.53	51.69
California, . . . . .	1.20	0.80
Colorado, . . . . .	1.27	0.85
Connecticut, . . . . .	7.89	5.26
Florida, . . . . .	0.24	0.16
Illinois, . . . . .	4.39	2.93
Indiana, . . . . .	3.06	2.04
Iowa, . . . . .	3.11	2.08
Kansas, . . . . .	2.28	1.52
Kentucky, . . . . .	1.53	1.02
Maine, . . . . .	3.69	2.46
Maryland, . . . . .	1.35	0.90

## Medium Low — Continued.

STATES AND COUNTRIES.	Number of Articles Considered	Percentages
<i>Other United States — Con.</i>		
Michigan, . . . . .	3.03	2.02
Minnesota, . . . . .	5.38	3.59
Missouri, . . . . .	8.39	5.59
New Jersey, . . . . .	4.32	2.88
New York, . . . . .	5.30	3.53
Ohio, . . . . .	4.87	3.25
Pennsylvania, . . . . .	9.09	6.06
Rhode Island, . . . . .	0.50	0.33
Tennessee, . . . . .	1.08	0.72
United States (not specified), . . . . .	0.02	0.01
West Virginia, . . . . .	0.95	0.63
Wisconsin, . . . . .	4.59	3.06
<i>Foreign Countries, . . . . .</i>		
Argentine Republic, . . . . .	0.09	0.06
Asia, . . . . .	0.67	0.45
Australia, . . . . .	0.43	0.29
Austria, . . . . .	0.25	0.17
Bavaria, . . . . .	0.43	0.29
Belgium, . . . . .	0.11	0.07
Brazil, . . . . .	0.11	0.07
Canada, . . . . .	0.89	0.59
China, . . . . .	0.02	0.01
Denmark, . . . . .	0.02	0.01
Ecuador, . . . . .	0.05	0.03
England, . . . . .	3.88	2.59
France, . . . . .	0.91	0.61
Germany, . . . . .	4.74	3.16
Guiana, . . . . .	0.13	0.09
Hawaii, . . . . .	0.53	0.35
Hesse, . . . . .	0.02	0.01
Holland, . . . . .	0.07	0.05
Ireland, . . . . .	0.16	0.11
Italy, . . . . .	1.38	0.92
Japan, . . . . .	0.07	0.05
Mexico, . . . . .	2.42	1.61
Portugal, . . . . .	0.25	0.17
Prussia, . . . . .	0.13	0.09
Russia, . . . . .	1.07	0.71
Saxony, . . . . .	1.07	0.71
Scotland, . . . . .	1.02	0.68
Sicily, . . . . .	0.15	0.10
Spain, . . . . .	0.37	0.25

**Medium Low — Concluded.**

STATES AND COUNTRIES.	Number of Articles Considered	Percentages
<i>Foreign Countries — Con.</i>		
Sweden, . . . . .	0.11	0.07
Switzerland, . . . . .	1.19	0.79
United States of Colombia, . . . . .	0.50	0.33
Wales, . . . . .	0.10	0.07
West Indies, . . . . .	0.11	0.07
Wurtemberg, . . . . .	0.13	0.09
TOTALS, . . . . .	150.00	100.00

The quotations classed as Medium Low cover 150 articles, and as to 48.89, or 32.59 per cent of the whole number, the quotations are credited to Massachusetts; quotations from Other States in this grade cover 77.53 articles, or 51.69 per cent of the whole number; and those from Foreign Countries include 23.58 articles, or 15.72 per cent.

The next table relates to the prices classed as Low.

**Low.**

STATES AND COUNTRIES.	Number of Articles Considered	Percentages
Massachusetts, . . . . .	45.81	30.34
<i>Other United States,</i> . . . . .	67.45	44.67
California, . . . . .	0.20	0.13
Colorado, . . . . .	0.20	0.13
Connecticut, . . . . .	3.07	2.03
Illinois, . . . . .	1.60	1.06
Indiana, . . . . .	2.32	1.54
Iowa, . . . . .	4.47	2.96
Kansas, . . . . .	4.07	2.70
Kentucky, . . . . .	1.07	0.71
Maine, . . . . .	0.75	0.50
Michigan, . . . . .	7.73	5.12
Minnesota, . . . . .	5.40	3.58
Missouri, . . . . .	9.85	6.52
New Jersey, . . . . .	3.33	2.21
New York, . . . . .	1.27	0.84
North Carolina, . . . . .	1.00	0.66
Ohio, . . . . .	11.80	7.81

## Low — Concluded.

STATES AND COUNTRIES.	Number of Articles Considered	Percentages
<i>Other United States — Con.</i>		
Pennsylvania, . . . . .	4.82	3.19
Tennessee, . . . . .	0.07	0.05
West Virginia, . . . . .	2.40	1.59
Wisconsin, . . . . .	2.03	1.34
<i>Foreign Countries, . . . . .</i>	37.74	24.99
Alsace-Lorraine, . . . . .	1.00	0.66
Australia, . . . . .	1.00	0.66
Austria, . . . . .	1.00	0.66
Brazil, . . . . .	1.58	1.05
Canada, . . . . .	1.33	0.88
Ecuador, . . . . .	1.50	0.99
England, . . . . .	8.58	5.68
Germany, . . . . .	6.17	4.09
Italy, . . . . .	1.50	0.99
Japan, . . . . .	5.33	3.53
Nova Scotia, . . . . .	0.75	0.50
Prussia, . . . . .	0.50	0.34
Sicily, . . . . .	2.00	1.32
Switzerland, . . . . .	2.00	1.32
Turkey, . . . . .	2.50	1.66
Wurtemberg, . . . . .	1.00	0.66
TOTALS, . . . . .	151.00	100.00

The Low quotations cover 151 articles; 45.81 of these, or 30.34 per cent, are credited to Massachusetts; 67.45, or 44.67 per cent, to Other States; and 37.74, or 24.99 per cent, to Foreign Countries.

The next five tables relate to graded wage quotations, the first presenting comparisons as to wages classed as High.

## High.

STATES AND COUNTRIES.	Branches of Occupations	Percentages
Massachusetts, . . . . .	198.76	33.80
<i>Other United States,</i> . . . . .	339.24	66.20
Arkansas, . . . . .	1.00	0.17
California, . . . . .	42.33	7.20



## High — Concluded.

STATES AND COUNTRIES.	Branches of Occupations	Percentages
<i>Other United States — Con.</i>		
Colorado, . . . . .	0.50	0.09
Connecticut, . . . . .	29.17	4.96
Georgia, . . . . .	1.50	0.25
Illinois, . . . . .	5.00	0.85
Indiana, . . . . .	1.75	0.30
Iowa, . . . . .	2.70	0.46
Kansas, . . . . .	2.00	0.34
Kentucky, . . . . .	4.75	0.81
Maine, . . . . .	1.33	0.23
Maryland, . . . . .	2.00	0.34
Michigan, . . . . .	12.53	2.13
Minnesota, . . . . .	1.00	0.17
Missouri, . . . . .	12.33	2.10
New Hampshire, . . . . .	1.00	0.17
New Jersey, . . . . .	44.08	7.50
New Mexico, . . . . .	1.00	0.17
New York, . . . . .	124.20	21.12
North Carolina, . . . . .	1.00	0.17
Ohio, . . . . .	28.37	4.82
Oregon, . . . . .	1.00	0.17
Pennsylvania, . . . . .	50.83	8.64
Rhode Island, . . . . .	6.00	1.02
Tennessee, . . . . .	2.00	0.34
Utah, . . . . .	1.67	0.28
Vermont, . . . . .	0.50	0.09
Wisconsin, . . . . .	7.70	1.31
<i>Foreign Countries, . . . . .</i>	—	—
TOTALS, . . . . .	588.00	100.00

There are no quotations from Foreign Countries in the preceding table, as the highest quotations classed as High were in every case derived from the United States. This means, of course, that the high wage quotations from the various States of the Union were always in excess of the high wages reported from Foreign Countries.

The whole number of occupations from which wages graded as High were obtained is 588, and the figures relating to Massachusetts were highest as to 198.76, or 33.80 per cent; New York ranks next with 124.20 occupations, or 21.12 per cent; and other states which have a considerable number of occupa-

tions for which highest wage quotations were given are California, Connecticut, New Jersey, Ohio, and Pennsylvania.

The comparisons in the next table relate to the wages classed as Medium High.

**Medium High.**

STATES AND COUNTRIES.	Branches of Occupations	Percentages
Massachusetts, . . . . .	187.06	32.25
<i>Other United States,</i> . . . . .	388.69	67.02
Arkansas, . . . . .	0.25	0.04
California, . . . . .	41.29	7.12
Colorado, . . . . .	2.05	0.35
Connecticut, . . . . .	19.04	3.28
Delaware, . . . . .	6.33	1.09
District of Columbia, . . . . .	1.50	0.26
Georgia, . . . . .	0.67	0.12
Illinois, . . . . .	12.02	2.07
Indiana, . . . . .	8.82	1.52
Iowa, . . . . .	4.84	0.83
Kansas, . . . . .	0.67	0.12
Kentucky, . . . . .	5.14	0.89
Louisiana, . . . . .	0.18	0.03
Maine, . . . . .	9.25	1.60
Maryland, . . . . .	4.36	0.75
Michigan, . . . . .	11.44	1.97
Missouri, . . . . .	17.98	3.10
Nebraska, . . . . .	1.17	0.20
New Jersey, . . . . .	35.13	6.06
New Mexico, . . . . .	0.17	0.03
New York, . . . . .	94.04	16.21
North Carolina, . . . . .	1.11	0.19
North Dakota, . . . . .	0.18	0.03
Ohio, . . . . .	26.67	4.60
Oregon, . . . . .	1.20	0.21
Pennsylvania, . . . . .	58.33	10.06
Rhode Island, . . . . .	12.67	2.18
Tennessee, . . . . .	2.04	0.35
Texas, . . . . .	0.63	0.11
Utah, . . . . .	2.25	0.39
Vermont, . . . . .	2.00	0.35
West Virginia, . . . . .	1.50	0.26
Wisconsin, . . . . .	3.77	0.65
<i>Foreign Countries,</i> . . . . .	4.25	0.73
England, . . . . .	3.25	0.56
Ireland, . . . . .	1.00	0.17
TOTALS, . . . . .	580.00	100.00

With respect to the wage quotations classed as Medium High, Massachusetts includes 187.06 occupations, or 32.25 per cent of the whole number considered; Other States are credited with 388.69, or 67.02 per cent of the whole number; while 4.25 branches cover quotations from Foreign Countries, amounting, however, to only 0.73 per cent of the whole number.

The next table relates to the Medium figures.

### Medium.

STATES AND COUNTRIES.	Branches of Occupations	Percentages
Massachusetts, . . . . .	158.54	26.96
<i>Other United States,</i> . . . . .	415.00	70.58
Alabama, . . . . .	0.13	0.02
California, . . . . .	16.23	2.76
Colorado, . . . . .	0.82	0.14
Connecticut, . . . . .	30.44	5.18
Delaware, . . . . .	3.65	0.62
District of Columbia, . . . . .	1.04	0.18
Florida, . . . . .	0.04	0.01
Georgia, . . . . .	1.21	0.21
Illinois, . . . . .	18.08	3.07
Indiana, . . . . .	13.15	2.24
Iowa, . . . . .	4.26	0.72
Kansas, . . . . .	1.59	0.27
Kentucky, . . . . .	3.15	0.54
Louisiana, . . . . .	0.04	0.01
Maine, . . . . .	8.08	1.37
Maryland, . . . . .	1.24	0.21
Michigan, . . . . .	19.02	3.23
Minnesota, . . . . .	1.89	0.32
Missouri, . . . . .	24.00	4.08
Nebraska, . . . . .	1.24	0.21
New Hampshire, . . . . .	7.75	1.32
New Jersey, . . . . .	43.86	7.46
New York, . . . . .	93.11	15.83
Ohio, . . . . .	39.36	6.69
Oregon, . . . . .	0.15	0.03
Pennsylvania, . . . . .	61.27	10.42
Rhode Island, . . . . .	6.25	1.06
Tennessee, . . . . .	0.75	0.13
Texas, . . . . .	0.51	0.09
United States (not specified), . . . . .	0.50	0.08
Vermont, . . . . .	0.81	0.14

**Medium — Concluded.**

STATES AND COUNTRIES.	Branches of Occupations	Percentages
<i>Other United States — Con.</i>		
Virginia, . . . . .	0.17	0.03
West Virginia, . . . . .	2.22	0.38
Wisconsin, . . . . .	8.99	1.53
<i>Foreign Countries, . . . . .</i>	<i>14.46</i>	<i>2.46</i>
Argentine Republic, . . . . .	1.00	0.17
Australia, . . . . .	3.00	0.51
Canada, . . . . .	0.40	0.07
England, . . . . .	5.25	0.89
France, . . . . .	0.33	0.06
Great Britain, . . . . .	1.00	0.17
Nova Scotia, . . . . .	0.48	0.08
Russia, . . . . .	1.00	0.17
Scotland, . . . . .	2.00	0.34
TOTALS, . . . . .	588.00	100.00

In the foregoing table, which contains comparisons for the Medium wages, Massachusetts is represented by 158.54 occupations, or 26.96 per cent; Other States being credited with 415 occupations, or 70.58 per cent; and Foreign Countries with 14.46 occupations, or 2.46 per cent.

Comparisons as to the quotations in the class termed Medium Low are next presented.

**Medium Low.**

STATES AND COUNTRIES.	Branches of Occupations	Percentages
Massachusetts, . . . . .	134.23	22.87
<i>Other United States,</i>	<i>358.38</i>	<i>61.05</i>
California, . . . . .	6.24	1.06
Colorado, . . . . .	0.33	0.06
Connecticut, . . . . .	22.56	3.84
Delaware, . . . . .	1.41	0.24
Florida, . . . . .	0.08	0.01
Georgia, . . . . .	1.64	0.28
Iowa, . . . . .	3.58	0.61
Illinois, . . . . .	12.58	2.14

**Medium Low — Concluded.**

STATES AND COUNTRIES.	Branches of Occupations	Percentages
<i>Other United States — Con.</i>		
Indiana, . . . . .	12.40	2.11
Kansas, . . . . .	0.76	0.13
Kentucky, . . . . .	1.96	0.34
Maine, . . . . .	12.72	2.17
Maryland, . . . . .	4.77	0.81
Michigan, . . . . .	20.66	3.52
Minnesota, . . . . .	1.37	0.23
Missouri, . . . . .	16.44	2.80
Nebraska, . . . . .	0.14	0.02
New Hampshire, . . . . .	19.18	3.27
New Jersey, . . . . .	39.12	6.67
New York, . . . . .	71.67	12.21
North Carolina, . . . . .	5.00	0.85
Ohio, . . . . .	28.07	4.78
Oregon, . . . . .	1.00	0.17
Pennsylvania, . . . . .	48.63	8.29
Rhode Island, . . . . .	5.95	1.01
Tennessee, . . . . .	0.88	0.15
Texas, . . . . .	0.83	0.14
United States (not specified), . . . . .	2.50	0.43
Vermont, . . . . .	6.42	1.09
Virginia, . . . . .	0.91	0.16
West Virginia, . . . . .	1.60	0.27
Wisconsin, . . . . .	6.98	1.19
<i>Foreign Countries,</i>		
Australia, . . . . .	94.39	16.08
Australasia, . . . . .	1.00	0.17
Austria, . . . . .	1.00	0.17
Austria, . . . . .	0.50	0.08
Belgium, . . . . .	0.66	0.11
Canada, . . . . .	0.34	0.06
England, . . . . .	47.35	8.07
France, . . . . .	6.78	1.16
Germany, . . . . .	3.00	0.51
Great Britain, . . . . .	10.25	1.75
Ireland, . . . . .	2.75	0.47
Nova Scotia, . . . . .	0.33	0.06
Prussia, . . . . .	1.00	0.17
Russia, . . . . .	1.00	0.17
Scotland, . . . . .	17.93	3.05
Wales, . . . . .	0.50	0.08
TOTALS, . . . . .	587.00	100.00



With respect to wage quotations graded as Medium Low, Massachusetts ranks first with 134.23 occupations, or 22.87 per cent of the whole number; Other States being credited with 358.38 occupations, or 61.05 per cent; and Foreign Countries with 94.39 occupations, or 16.08 per cent.

The final table of the series contains comparisons as to the wage quotations classed as Low.

**Low.**

STATES AND COUNTRIES.	Branches of Occupations	Percentages
Massachusetts, . . . . .	55.37	9.42
<i>Other United States,</i> . . . . .	137.54	23.39
California, . . . . .	5.67	0.96
Connecticut, . . . . .	2.37	0.40
Delaware, . . . . .	0.17	0.03
District of Columbia, . . . . .	0.33	0.06
Georgia, . . . . .	3.37	0.57
Illinois, . . . . .	3.33	0.57
Indiana, . . . . .	4.00	0.68
Iowa, . . . . .	0.25	0.04
Kansas, . . . . .	0.50	0.08
Kentucky, . . . . .	0.33	0.06
Maine, . . . . .	4.50	0.77
Maryland, . . . . .	3.00	0.51
Michigan, . . . . .	14.28	2.43
Missouri, . . . . .	6.75	1.15
New Hampshire, . . . . .	1.00	0.17
New Jersey, . . . . .	17.50	2.98
New York, . . . . .	42.70	7.26
North Carolina, . . . . .	4.08	0.69
Ohio, . . . . .	7.67	1.30
Pennsylvania, . . . . .	8.00	1.36
Rhode Island, . . . . .	0.50	0.08
Tennessee, . . . . .	0.33	0.06
Virginia, . . . . .	1.33	0.23
West Virginia, . . . . .	2.00	0.34
Wisconsin, . . . . .	3.58	0.61
<i>Foreign Countries,</i> . . . . .	395.09	67.19
Austria, . . . . .	12.50	2.13
Bavaria, . . . . .	4.00	0.68
Belgium, . . . . .	8.00	1.36
Bohemia, . . . . .	15.50	2.64
China, . . . . .	13.00	2.21

## Low — Concluded.

STATES AND COUNTRIES.	Branches of Occupations	Percentages
<i>Foreign Countries — Con.</i>		
Denmark, . . . . .	1.00	0.17
England, . . . . .	99.34	16.89
France, . . . . .	19.50	3.32
Germany, . . . . .	67.67	11.51
Great Britain, . . . . .	15.00	2.55
Holland, . . . . .	1.00	0.17
Ireland, . . . . .	25.50	4.34
Italy, . . . . .	32.58	5.54
Moravia, . . . . .	6.00	1.02
Poland, . . . . .	9.00	1.53
Prussia, . . . . .	2.50	0.42
Russia, . . . . .	10.00	1.70
Saxony, . . . . .	1.00	0.17
Scotland, . . . . .	41.00	6.97
Sweden, . . . . .	3.00	0.51
Switzerland, . . . . .	7.00	1.19
Wurtemberg, . . . . .	1.00	0.17
TOTALS, . . . . .	588.00	100.00

In the preceding table it is shown that the wages graded as Low related to but 55.37 occupations in Massachusetts, 9.42 per cent of the whole number considered; covering in Other States 137.54 occupations, or 23.39 per cent; and in Foreign Countries 395.09 occupations, or 67.19 per cent.

The aggregate figures as to articles and occupations, with percentages, as shown for each grade in the preceding tables, are brought forward in two recapitulations which follow.

## RECAPITULATION — GRADED PRICES.

STATES AND COUNTRIES.	HIGH		MEDIUM HIGH		MEDIUM		MEDIUM LOW		Low	
	Num- ber of Arti- cles Con- sidered	Per- cent- ages	Num- ber of Arti- cles Con- sidered	Per- cent- ages	Num- ber of Arti- cles Con- sidered	Per- cent- ages	Num- ber of Arti- cles Con- sidered	Per- cent- ages	Num- ber of Arti- cles Con- sidered	Per- cent- ages
Massachusetts, .	34.58	22.90	35.44	25.31	42.11	27.89	48.89	32.59	45.81	30.34
Other States, .	54.43	36.05	63.11	45.08	78.50	51.98	77.53	51.69	67.45	44.67
Foreign Countries,	61.99	41.05	41.45	29.61	30.39	20.13	23.58	15.72	37.74	24.99
TOTALS, .	151.00	100.00	140.00	100.00	151.00	100.00	150.00	100.00	151.00	100.00

## RECAPITULATION — GRADED WAGES.

STATES AND COUNTRIES.	HIGH		MEDIUM HIGH		MEDIUM		MEDIUM LOW		LOW	
	Num- ber of Occu- pations Con- sidered	Per- cent- ages	Num- ber of Occu- pations Con- sidered	Per- cent- ages	Num- ber of Occu- pations Con- sidered	Per- cent- ages	Num- ber of Occu- pations Con- sidered	Per- cent- ages	Num- ber of Occu- pations Con- sidered	Per- cent- ages
Massachusetts, .	198.76	33.80	187.06	32.25	158.54	26.96	134.23	22.87	55.37	9.42
Other States, .	389.24	66.20	388.69	67.02	415.00	70.58	358.38	61.05	137.54	23.39
Foreign Countries, .	-	-	4.25	0.73	14.46	2.46	94.39	16.08	395.09	67.19
TOTALS, .	588.00	100.00	580.00	100.00	588.00	100.00	587.00	100.00	588.00	100.00

These recapitulations permit comparisons to be easily made between the different grades for Massachusetts, Other States in the aggregate, and Foreign Countries in the aggregate.

The percentages in these recapitulations form the basis of diagram tables which bring the results graphically before the reader. The first of these relates to graded prices.

## GRADED PRICES.

GRADES.	Legend: 1 $\frac{1}{2}$ = 1/32nd of an inch
<i>High.</i>	
Massachusetts, . . .	22.90%
Other States, . . .	36.05%
Foreign Countries, . . .	41.05%
<i>Medium High.</i>	
Massachusetts, . . .	25.31%
Other States, . . .	45.08%
Foreign Countries, . . .	29.61%
<i>Medium.</i>	
Massachusetts, . . .	27.89%
Other States, . . .	51.98%
Foreign Countries, . . .	20.13%
<i>Medium Low.</i>	
Massachusetts, . . .	32.59%
Other States, . . .	51.69%
Foreign Countries, . . .	15.72%
<i>Low.</i>	
Massachusetts, . . .	30.34%
Other States, . . .	44.67%
Foreign Countries, . . .	24.99%

The following table, constructed in the same manner as that which precedes it, relates to graded wages.

## GRADED WEEKLY WAGES.

GRADE 9.	Legend: 1" = 1/32nd of an inch
<i>High.</i>	
Massachusetts, . . .	33.80%
Other States, . . .	66.20%
Foreign Countries, . .	
<i>Medium High.</i>	
Massachusetts, . . .	32.25%
Other States, . . .	67.02%
Foreign Countries, . .	10.73%
<i>Medium.</i>	
Massachusetts, . . .	26.96%
Other States, . . .	70.58%
Foreign Countries, . .	2.46%
<i>Medium Low.</i>	
Massachusetts, . . .	22.87%
Other States, . . .	61.05%
Foreign Countries, . .	16.08%
<i>Low.</i>	
Massachusetts, . . .	9.42%
Other States, . . .	23.39%
Foreign Countries, . .	67.19%

